

The Cattleman

Fort Worth, Texas, July, 1952

VOLUME XXXIX - No. 2



BRAHMAN CATTLE ON A TEXAS RANCH
Color Transparency by Roger B. Letz

Where Buyer and Seller Meet



FORT WORTH Stockyards, the oldest in the Southwest, serves both buyer and seller of livestock to the advantage of each. The seller of livestock can consign any and all classes of livestock to Fort Worth with the assurance that his shipment will be taken care of and properly handled. His consignment will be presented to a group of buyers in the market for all classes, and the top dollar on the day's market will be secured. Day in and day out—year in and year out—experienced producers know that the Fort Worth market is the most **CONVENIENT, DEPENDABLE** and **PROFITABLE** place to sell all classes of livestock.

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Fort Worth Stockyards

A division of United Stockyards Corporation

FORT WORTH, TEXAS



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The control of horn flies on range cattle is a simple and inexpensive matter with the use of home-made sack backrubbers.

Five years of successful use has proven the method to be practical.

The sacks are wired to a cable suspended between posts and saturated with Franklin Residual Spray. Resoak the sacks at three week intervals.

Cattle treat themselves, passing under backrubber of their own volition as often

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Franklin Residual Spray is now available from all Franklin local drug store dealers in 5% DDT solution ready to use. Also in concentrated form. One gallon mixed with 4 gallons of distillate makes 5 gallons of standard strength solution.

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The popular Lindane (U.S. Govt. formula) is offered in liquid form as Franklin 1038 SCREWWORM CONTROL, and in smear form as E. Q. 335 SCREWWORM REMEDY. They kill the eggs as well as the maggots and the flies. Protect against reinfestation for 5 to 7 days. Also unsurpassed for wool maggots.

Other popular Screwworm Killers are Franklin BROWN BEAUTY and Franklin SMEAR 62.

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THE EASY WAY TO BUY LIVESTOCK VACCINES AND SUPPLIES

O. M. FRANKLIN SERUM CO.

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SUMMERTIME IS PINKEYE TIME—and the answer is



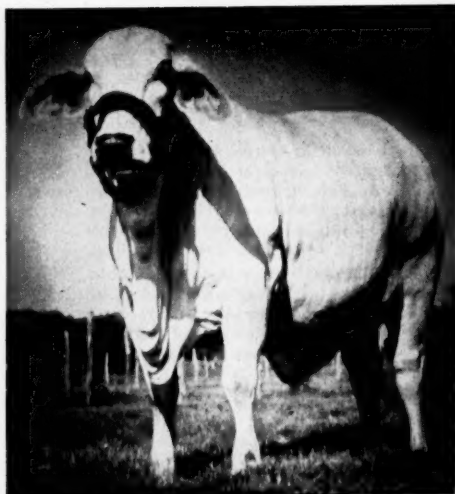
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POPULAR BECAUSE:**

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5. They have a high dressing percentage of quality meat.
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*We have available at the present time
a wide selection of yearling bulls.*

J. D. HUDGINS
"Beef-Type Brahms"

**Hungerford
Texas**

**Welch
Oklahoma**

The Cattleman

Vol. XXXIX

JULY, 1952

No. 2

Published on the first day of each month by The Texas and Southwestern Cattle Raisers Association, Inc., 410 East Weatherford St., Fort Worth 2, Texas. Telephone FA9nn-6167.

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JOHN C. BURNS
Consultant

ALVIN KEZER
Consultant

LAFAYETTE M. HUGHES
Trustee
1200 Grant St.
Denver, Colorado

The stupendous job of classifying and culling the entire *Mill Iron* herd of registered cattle has been completed by **John C. Burns**, requiring the whole month of May.

Approximately 400 good and faithful cows which in the main have averaged a calf every year for the past ten to twelve years, and whose teeth are too old to grind, are going to the slaughter house.

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HEREFORD



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In Charge of Soil Conservation

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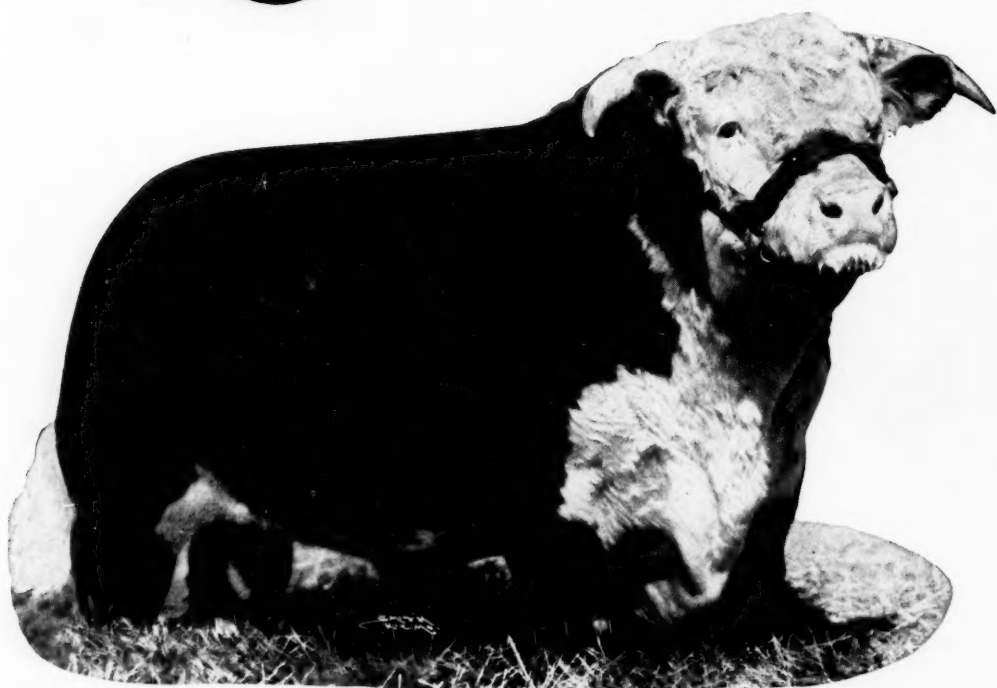
William E. Hughes
Director of Ranch Operations
Office: Wellington, Texas
Charles J. Hughes
Comptroller
Lafayette M. Hughes Jr.

The past 18 years has laid the foundation for *Mill Iron* development. Next year the grouping, classification and culling will bring about even greater advancement in **QUALITY & UNIFORMITY** in a much shorter period.

Write **AUSTIN ("POLLY") O'NEIL**
Manager, Mill Iron Ranches
Wellington, Texas

...For information on the *Mill Iron Annual* **BULL CALF SALE....**

OUR AM-PACKED JOFFERING FEATURES A



WHR Duke Pride

This remarkable breeding bull was purchased in the 1946 WHR sale. Since then, he has set a high standard as a sire of extreme tops. He is a three-quarter brother to the \$53,000 WHR Star Duke and a half-brother to the \$48,000 WHR Flashy Triumph (formerly named JR Flashy Triumph). There are 75 daughters and 15 granddaughters of WHR Duke Pride in the JO herd.

Calved January 12, 1945

WHR Royal Triumph 2876603	WHR Triumph Dom. 6th 2462643	WHR Royal Domino 51st 2123530	(Prince Domino C. WHR Belle Domino 49th
	Lillian Domino 2474229	WHR Gipsy Domino 38th 2168386	(Prince Stanway WHR Belle Dom. 11th
WHR Vega Domino 153d 3140078	Star Domino 6th 2035995	Domino Prince 2041002	(Dandy Domino 46th Gertrudis 3d
	Brand's Pride 28th 1683992	Lillian 1853838	(Alex Lady Blanchard
		Prince Domino 4th 1480000	(Prince Domino Belle Domino 6th
		Colorado Domineta 39th 1812991	(Colorado 21st Brand's Rose 6th
		Onwards Pride 1389901	(Onwards Domino Miss Beau Picture
		Brand's Blanche 4th 1327901	(Beau Blanchard 120th Lucy Fairfax 25th

**L. L. JONES
& SON**

The JO DISPERSION

HOST OF **JO** BREED-BUILDERS

820 HEAD SELL

There will be 650 lots of quality including 15 proved herd sires, 105 young bulls, 175 cows with calves, 150 bred cows, 125 bred heifers and 75 open heifers.



JO DUKE PRIDE 24th

This young herd bull is sired by WHR Duke Pride and out of Miss C. Domino 125th. Along with JO Baca Prince, he gained a lot of attention at our 1950 spring sale. His future as a breed-builder is a sound prediction, for he is a typical example of proved JO quality. He was reserve champion bull at the 1951 Colorado State Fair.

**"The 24th" is one of the JO Herd Bulls
That's the "Pride" of the Dispersion**

JO DUKE PRIDE 2d

This son of WHR Duke Pride, out of a dam by CK Cruiser D. 3d, topped our last sale. He sold to Walnut Hill Hereford Ranch, Great Bend, Kansas, at \$15,100.

We will have several sons and daughters of this bull in the JO dispersion sale.



SEPTEMBER 11-12-13

**GARDEN CITY
KANSAS**

HERE IS A JO AM-PACKED OPPORTUNITY TO



Baca R. Domino 7th

For outstanding breed-builders, for record-priced bulls and top-selling females, for downright excellence in breeding, this son of OJR Royal Domino 10th is hard to match.

He sired the record-priced bull in the 1948 Denver carlot show at \$7,500 and the top-selling female at the 1949 Sunflower Futurity. Add this popular breeding to your herd. Baca R. Domino 7th or his get can build for you. He has 76 daughters and 64 granddaughters in the JO herd.

Calved February 10, 1944

OJR Royal Domino 10th 2893596	WHR Royal 51st 2123530	Prime Domino C. 1565007	Prince Domino 4th
	WHR Donna Domino 63d 2462660	WHR Belle Domino 49th 1759017	Lady Aster 41st
	WHR Reality 13th 2298412	Randolph 2d 1838461	Prince Domino 141st
Baca M.Reality 44th 3406165	Lady Domino C. 51st 2666195	WHR True Dominette 3d 2080823	Miss Sturgess 22d
		Real Domino 10th 1976930	Pr. Dom. Randolph
		Delia Domino 4th 1946259	Donna Anna 59th
		The Prince Domino 20th 2064000	Real Prince Dom. 1st
		Lady Domino 297th 2405677	Belle Domino 79th
			Real Prince Domino
			Patsy Domino
			Prince Domino 4th
			WHR L. Domino 39th
			The Prince Domino
			Belle Domino
			Randolph Domino
			Regulator Maid 6th

**L. L. JONES
& SON**

The JO DISPERSION

BUY FAMOUS



QUALITY SIRES

820 HEAD SELL

There will be 650 lots of quality including 15 proved herd sires, 105 young bulls, 175 cows with calves, 150 bred cows, 125 bred heifers and 75 open heifers.



JO Royal Domino 45th

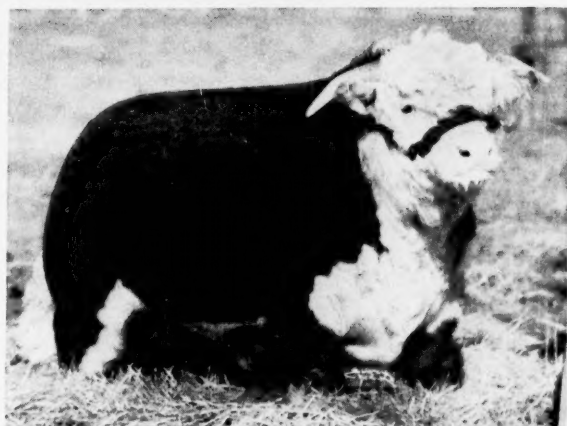
We reserved this top son of "the 7th" for use in our own herd and his calves justify our choice. He is a three-quarter brother to JO Royal Domino 13th that sold for \$7,500 to Mt. Sopris Hereford Ranch. He is a quality sire from every angle and will sire the right kind for you. Sixty of his daughters are in the JO breeding herd.

Notice These Sons of Baca R. Domino 7th From the JO Bull Battery

JO Baca Prince

This promising young bull attracted a major share of attention at our 1951 spring sale, proving that he is a bull that is worth watching . . . and well worth owning.

He never stood below second as a senior bull calf. He was first senior yearling at the 1951 Kansas State Fair and stood first in the pair-of-calves competition at the 1950 Kansas State Fair, where he stood second in class.



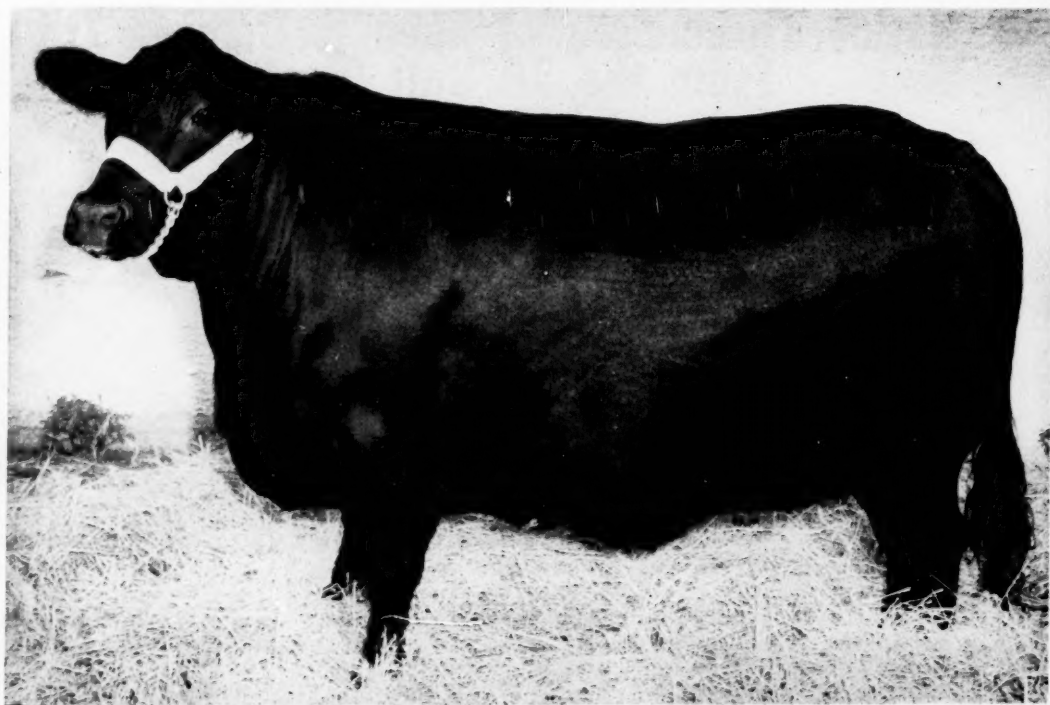
SEPTEMBER 11-12-13

GARDEN CITY KANSAS

Announcing:

**OUR FIRST AUCTION
GRENADA, MISS.
OCTOBER 30**

Selling 30 Females, 10 Bulls





A GREAT OFFERING

In selecting the offering for this, our first auction sale, we chose the absolute tops from our entire herd, including our show herd. We sincerely believe it is the highest quality offering ever presented and we are extremely proud of every animal selling. Outstanding show herd prospects, top herd bull prospects and the best of foundation females will all go at your price. It is truly a great offering.

Raymond Pope

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Clear Creek Ranch



Frank Buttram

WELCH, OKLAHOMA

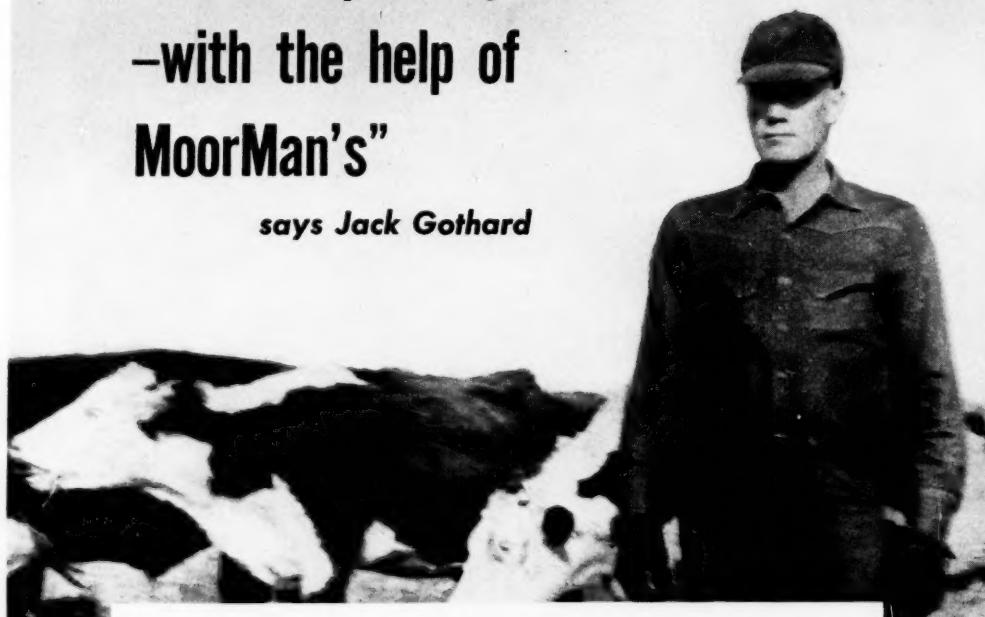
Raymond Pope

Telephone Welch-8227 or Vinita 1200

Member American Brangus Breeders Association

**"I wintered my 130 cows for only
12¢ each per day
—with the help of
MoorMan's"**

says Jack Gothard



Kansas Rancher Reports Savings of \$458.90 Over Cottonseed Cake

"I certainly want to place my stamp of approval on MoorMan's Range Mintrate Cubes," says Jack Gothard, Elk County, Kansas. "I wintered 130 head of Hereford cows on my own roughage and MoorMan's between November 15, 1951, and April 15, 1952, at a total cost of \$1,491.10 for Cubes.

"For roughage or filler, I fed 18 tons of prairie hay, at \$18.00 per ton, and \$50.00 worth of straw and alfalfa mixed with 2 tons of bean meal (\$65.00 per ton), plus \$350.00 for pasture rent, or a total roughage bill of \$854.00.

"Now, this makes my total feed bill for roughage and MoorMan's Cubes, \$2,345.10, or \$18.04 per head.

"The protein feed—that is, MoorMan's Cubes—cost me \$11.47 per head and made me a saving of \$458.90 over cottonseed cake, which I have formerly fed."

MoorMan's Range Mintrate is an extra-rich blend

of 6 proteins, reinforced with Urea—the richest cube on the market.

And—in addition—MoorMan's Range Mintrate Cubes contain 12 base and trace range cattle minerals—plus Vitamin D.

When you feed MoorMan's 45% Range Mintrate Cubes you can be certain your cattle are getting the proper ratio of protein to minerals—complete and balanced.

MoorMan's Range Mintrate Cubes are ideal for wintering your cattle. Helps cattle utilize more of the nutrients in your grass and forage. Convenient—proteins, minerals, vitamins all in a single bag. Packed in easy-to-open rip cord bags. Economical, too—¾ to 1 lb. per head per day satisfies protein and mineral requirements.

Ask your MoorMan Man—or write, wire or phone MoorMan Mfg. Co., Dept. B2-7, Quincy, Illinois, for quotations.

MoorMan's

(Since 1885)

**Makers of Protein and Mineral Concentrates Farmers
and Ranchers Need, But Cannot Raise Themselves**





Of things that concern cattle raisers

The Cattleman Cover

BRAHMAN CATTLE ON A TEXAS RANCH

Color transparency by Roger B. Letz of The Cattleman Staff

AS IS our custom each year, we are placing special emphasis on Brahman cattle in this issue. The good Brahman pictured on the cover are from the Burke Brothers Ranch at Corsicana, Texas, one of the top purebred Brahman herds in America. This scene could have been duplicated on a number of other ranches in the country. We are deeply indebted to Burke Brothers for the assistance they rendered in securing this picture.

Elsewhere in this issue will be found interesting information about Brahman cattle. The progress this breed has made as beef producers during the past twenty-five years has been most gratifying and the breeders who have built the fine herds found in all parts of the country are to be congratulated on their foresight and commended for the splendid job they are doing. So we salute them and wish them success in their efforts.

Directors' Meeting

THE second quarterly meeting of the board of directors of the Texas and Southwestern Cattle Raisers Association was held at the Texas Hotel in Fort Worth June 21. The meeting was called to order by President Jack Roach, who gave a brief report on his attendance at the New Mexico Cattleman's Annual Meeting at Albuquerque and at the National Live Stock and Meat Board Meeting in Chicago.

Judge Joe G. Montague reported at considerable length regarding the Mexican labor situation and the meetings he had attended in this connection at Miami, Florida, and Mexico City. He reported that a very successful agreement had been worked out between the United States and Mexico relative to the use of Mexican Nationals on ranches and farms in the United States. He was very enthusiastic about the provisions of this agreement and felt that when it becomes effective July 1, that many of the difficulties that ranchmen have been experiencing in getting Mexican labor would be eliminated.

Charles Stewart reported on the freight increases that have become effective during the past year and how they would affect the movement of livestock.

The following report was made by J. F. Maddox, chairman of The Cattleman's Committee.

With the June issue this year The Cattleman started on its thirty-ninth year of continuous publication. Every month since June, 1914 The Cattleman has been published, and from a small start of around 3,000 copies it now distributes approximately 33,000 each month.

The first issue contained twenty-four pages, and the June issue this year, which is an average issue, contained 156 pages. The growth that The Cattleman has enjoyed during the last thirty-eight years has been continuous and substantial.

Its financial condition is very satisfactory and it has been able to build up a substantial surplus to tide it over any years of adversity which might come.

I think the following editorial, which appeared in the Sunday edition of the Fort Worth Star-Telegram on June 8, expresses very clearly the opinion and regard in which our publication is held by others, and I would like to take this opportunity to read this editorial to you.

THE CATTLEMAN'S BIRTHDAY

With its June issue, The Cattleman magazine has observed its 38th anniversary. Congratulations are due the magazine, official publication of the Texas and Southwestern Cattle Raisers Association, on reaching this milestone.

The Cattleman, published monthly in Fort Worth by a staff directed by Editor Henry Biederman, goes to all 48 states and to 26 foreign countries as one of the nation's leading livestock publications.

For these 38 years the magazine has chronicled the progress of the livestock industry, doing a creditable job of providing authentic and reliable information to its readers, most of whom are in the business of producing livestock.

The Cattleman has become known for the many his-

torical articles on the Southwest which it has printed over the years and for its attractive covers which often have been reproductions of the work of Russell, Remington, Tom Lea and other noted western artists.

This magazine, a credit to its Fort Worth origin, also is a credit to the association which it represents. Circulation of The Cattleman has grown from a few thousand to more than 30,000.

Many more birthdays are sure to come to this publication, which over the years has done excellently the job for which it was established in serving the livestock industry of the Southwest and the nation and has set a high pattern in its field.

A. E. Gates, Chairman of the Livestock Disease, Sanitation and Border Patrol Committee presented the following resolutions:

I. Anthrax—Since our last meeting, at which time a resolution dealing with anthrax and the possibility of infection being spread by bone meal used in livestock feed and fertilizer was adopted, the Bureau of Animal Industry of the United States Department of Agriculture has promulgated amendments to the federal regulations dealing with the importation of bone meal and bones used in the production of livestock feed and fertilizer, which it is believed and hoped will be very beneficial to the livestock industry of this country. It is believed and hoped that the amended regulations, if vigorously and scrupulously enforced, will eliminate the danger that has been present whenever bones and bone meal and fertilizer have been imported from foreign countries.

We commend the Bureau of Animal Industry for its promulgation of these amendments, and express the thought that, in the event these amended regulations should prove to be inadequate, then that such additional steps be taken to insure safety in importation of the named products from foreign countries.

In addition to the problem involved in importation of bones, bone meal, and fertilizer from foreign countries, we are conscious that there is an equally or greater and more serious problem in the processing and distribution of domestic bones, bone meal, animal scraps, and fertilizer. This phase of the problem has not yet been acted upon by the Bureau of Animal Industry.

We respectfully, but urgently, recommend to the Bureau of Animal Industry that, with reference to interstate movement of the named products, such regulations be promptly promulgated that will give security against the spread of infection of anthrax or other diseases in livestock caused by such products and by-products. And, with reference to the intra-state movement in commerce of said products, it is our recommendation that the Texas Livestock Sanitary Commission, the Texas Department of Public Health, and the Texas Feed Control authorities each recognize its responsibilities, and that all, separately and collectively, give this problem serious and immediate consideration, and that appropriate action be taken and state regulations adopted to give assurance that such domestic products moving in intra-state commerce be so handled and treated that they will not be the source of infection or the spread of infection.

II. The Mexican Border—The situation on the Mexican border is most unsatisfactory from the standpoint of animal health and sanitation.

In the first place, we are sure that the border patrol has been inadequate to protect our country from the illegal entry of livestock from Mexico. Recent discoveries of groups of smuggled cattle that had been brought in from Mexico, in violation of laws and quarantine regulations, show the inefficiency of the border patrol, especially when such smuggled cattle were not discovered until they had been scattered over a large area and into other states.

Then the illegal entry of stray horses into this country from Mexico, in violation of quarantine regulations, is a serious problem. Such horses carry fever ticks, and re-infest country that has been clean for years, thus causing terrific expense and work to ranchmen in that area, and being a constant danger to the whole country.

T2 BRANGUS

Bred for the Future



CALLING DR. KILDARE

SURGERY

T2 Brangus bulls don't require surgery to remove those horns from your calves. You save the shrink and pocket the difference.

*Our Bulls Are Guaranteed Breeders
One or a Carload*

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Phone 43577

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Such horses are additionally dangerous because they often are affected by other diseases that are dangerous to our livestock industry.

The Foot and Mouth Border Patrol can seize such animals and move them back across the border, which means nothing, as such horses quickly return, but has no authority to take further action with reference to them. The Custom Service has legal authority to seize, condemn, and sell such animals, but refuses to enforce the law, because horses will not bring enough money to pay the incident expenses. Therefore, the practice has developed that nothing is done with or to these horses, and the double danger of ticks and other diseases constantly exists.

We deplore this situation. We believe the Custom Service should enforce the law, and should not use an economic excuse to justify its failure and negligence. The livestock industry of this country is entitled to rely on the sincerity of the Customs officials, but such reliance is misplaced.

We recommend that this situation be called to the attention of the Congress, so that the appropriate Congressional instructions may be given to the Customs Bureau.

The present tick inspection force working along the Mexican border is wholly inadequate to perform the heavy duties imposed on them. And since the border patrol will probably be soon reduced or entirely discontinued, we urgently recommend and request that the Bureau of Animal Industry increase its force of tick inspectors so that a thorough performance of this important service be accomplished.

We have been combatting the fever tick for years. We have cleaned Texas of this pest, but constant re-infestation caused by tick-carrying livestock coming out of Mexico is a constant danger and frequent occurrence. Our situation is far worse today than it was before the Foot and Mouth Border Patrol started operations.

We know from experience that an adequate force of trained tick inspectors will give us far better protection than any number of officials of the type now functioning as a border patrol. We have been told that the tick inspection force will be reduced from its present inadequate size. This reduction should not happen. The federal government should not allow it to happen.

The Congress should be requested to take action to see that it does not happen.

C. E. Weymouth reported on the tax situation in the absence of R. B. Anderson, chairman of the Tax Committee. He also gave an extended report relative to the foot and mouth disease situation in Canada and in Mexico. The following resolution presented by Mr. Weymouth was unanimously adopted:

We deplore the great tragedy of the outbreak of foot and mouth disease in our sister nation to the North,—the Dominion of Canada. We regret deeply and can understand the terrific impact on the economy of that nation and the United States as well caused by the sanitary regulations that are so essential to the protection of our own livestock industry; and,

WHEREAS, the outbreak of foot and mouth disease in Canada presents problems comparable to the outbreak in Mexico insofar as the time element of embargoes, border patrol, and sanitary regulations are concerned; and,

WHEREAS, the Bureau of Animal Industry and its scientists, through years of experience and study, has determined that the germ of foot and mouth disease can and does live for a full year under favorable circumstances; for that reason alone it has been repeatedly asserted by representatives of the Bureau that a full year must pass before any consideration can be given toward relaxing the embargo against the importation of beef or beef products from a country infested with foot and mouth disease; and,

WHEREAS, the cold and frigid temperatures of Canada as compared with the natural enemy of foot and mouth disease, the hot and dry climate of southern countries suggests that the period of incubation can be even more dangerous, and, furthermore, we have imposed upon Mexico this period of waiting before relaxing the strict embargoes against importations from that country.

THEREFORE, BE IT RESOLVED, that we, the Texas and Southwestern Cattle Raisers Association, do firmly believe that the same rules, the same sanitary regulations, and the same sanctions must be invoked against Canada as have been adopted toward Mexico.

The cooperation and friendly help of the nation to the south must be respected, and, while we recognize that methods employed for the extermination of the disease in Canada are altogether comparable with the ruthless-



A group of BEEFMASTER bull calves on our Colorado ranch in their winter coats.

Coming to Colorado?

See BEEFMASTERS At Work

If you're taking a trip to Colorado this summer, don't miss one of the finest sights. Be sure to visit The Lasater Ranch and see BEEFMASTERS at work. Every cattleman will be interested in the way these cattle have taken to the high altitudes and low temperatures of Colorado even though the breed was developed at sea level in hot, dry Southwest Texas.

Our first breeding herd was brought to Colorado in June, 1949, and the first BEEFMASTER heifer calves raised in Colorado now have their own calves at side—second generation Colorado BEEFMASTERS. All through the mountain states BEEFMASTERS are making a name for themselves. New as they are to this area, there have been no losses whatsoever on account of the weather, even at 50 below. BEEFMASTERS are especially popular with the man who makes his living producing beef, because these are not fad cattle but honest-to-goodness working cattle, and they work for you.

Our ranch is at Matheson, Colorado, 55 miles northeast of Colorado Springs and 18 miles southwest of Limon on Highway 24. So there'll be sure to be someone on hand to show you around, please let us know in advance when to expect you. Address The Lasater Ranch, Box 142, or telephone 10, Matheson. We're looking forward to showing you the BEEFMASTERS.

Buy On The BEEFMASTER Plan

BEEFMASTERS are sold under a unique system known as The BEEFMASTER Plan. We are now offering 1952 bull calves and 1953 bull and heifer calves under this plan. Write for your copy of the contracts. No obligation.

Lasater **BEEFMASTERS** *The American Breed*

Efficient and Modern—The result of a continuous constructive breeding program since 1908.

RANCHES: Falfurrias, Texas; Matheson, Colorado
Trademark "LASATER BEEFMASTER" registered U. S. Patent Office
International Registrations Pending

THE LASATER RANCH; BOX 545; FALFURRIAS, TEXAS

One Pass, More Grass!



Marden Duplex 7' Brush Cutter, Code B7, saving time and money in clearing land, renovating sod.

Marden duplex Brush Cutters & Weed Cutters

A Marden Duplex Brush Cutter controls brush or weeds, renovates the sod without inversion and prepares a seed bed—all in **one** operation! No other implement can do all of these things—and a Marden Duplex does them all in one operation! Saves time, fuel, manpower—and produces better grass in new pastures, renovates old root-bound sod. It's the angle that does it. A size for every tractor. For complete information, write today for our booklet:

"More and Better Grass"

Marden duplex

Renovates the sod while
controlling competing vegetation

Marden Manufacturing Company
AUBURNDALE, FLORIDA

ness and intolerance which we ourselves, together with the Bureau of Animal Industry, would invoke against the disease in this country, still we must not adopt a policy with one country inconsistent with a general policy against all countries.

The following 321 applicants rendering 25,250 cattle, by counties, were admitted to membership in the association:

TEXAS

Archer: B. P. Berry, R. F. Burnett, Fred L. McDaniel; **Atascosa:** I. H. Escalera; **Bailey:** Frank Hinkson, Lewis Bros.; **Bastrop:** J. K. Prewitt; **Baylor:** John A. Young, Jr.; **Bee:** Dudley T. Dougherty; **Bell:** E. C. O'Neal, Jr.; **Brewer:** E. M. Baker, W. E. Baker, Son, E. D. Norris, Compe Ranch, S. M. & Dan Crutchfield, A. J. Duderstadt, Rengan Houston III, J. W. Murchison, E. H. Nelson, Victor Prassal, James T. Sluder; **Bosque:** J. L. Hutcherson, Lazy J. Ranch; **Bowie:** Ernest Barthel, H. Richard Runnels, Jack Runnels; **Brazoria:** Diamond C. Ranch, J. R. Darnion, Edwin H. Oliver, Richardson & Whitehead, C. J. Steves, Jr.; **Brazos:** Harry C. Dishman, J. Cameron Webb; **Briscoe:** Milton George Martin; **Brown:** L. C. Riordan; **Burleson:** Schweda & Angonia.

Caddo: Hill Ranch; **Caldwell:** Job O. Boothe; **Carson:** Joe B. Walker, Roy L. Walker; **Cherokee:** Mrs. W. A. McDonald; **Coke:** A. N. Rawlings & Son; **Colorado:** W. R. Sronce; **Comanche:** Sam Rehm; **Cottle:** A. E. Dumont, Warren Haynie; **Crosby:** Allan B. Smith; **Culberson:** W. A. Scott; **Dallas:** Dr. V. C. Bassett, Emil J. Fretz, Jr., Mildred E. Leifeste, Wright Matthews, Mayo & Josey, H. C. Seeligsom, Webb Wallace, W. L. Wyman & Son, C. W. York; **Denton:** Leslie Caddell, Cole & McDonald; **DeWitt:** Finch Bros., Mrs. Avis Reiffart, Rollin Reynolds, E. T. Teller; **Dyer:** O. T. Davis; **Ellis:** Latham, F. Jones; **Erath:** J. Copeland, Farm; **Fannin:** Roy Dick; **Fisher:** Harris & Hannon, J. R. Strayhorn; **Fort Bend:** F. M. Gorka, T. W. Oberhoff; **Franklin:** Alvin Parchman; **Gaines:** Ward Cattle Co.; **Galveston:** J. L. Jenkins, (M.D.); **Garza:** K. Stoker; **Gonzales:** J. H. Dubose, Quintana, E. Edwards; **Gray:** F. H. Yealy; **Grayson:** Harold Goode, Omar B. Milligan, Claude Odum, H. L. Schifflett, B. J. Wagner; **Gregg:** Tom Brooks & J. R. Brooks, John C. Robbins, Jr.; **Grimes:** R. E. Lee, Will D. Smith.

Hale: Kenneth Hammit, Gene Mayo; **Hall:** Lloyd Ward; **Hansford:** A. R. Bort; **Harris:** Thos. W. Blake, T. A. Binford, M. Hightower, Riley I. Loop, H. A. May, John W. Mecom, I. T. May, Nagel Bros., R. L. Sheppard, W. T. Stone, A. L. Thomas, Charles W. Thornhill, K. S. Trostmann, F. B. Waters, O'Banion Williams; **Haskell:** W. G. Ellis, L. W. Jones, Sr.; **Henderson:** J. C. Davis, J. B. Cain, B. O. DeArman, J. N. McElroy, H. E. Ledbetter; **Hill:** McMullin & Kyle, Steiner Valley Ranch, Fred B. Triplett; **Hockley:** C. O. McNabb; **Hood:** Abbott & Fisher, H. T. Marshall, J. C. Porter; **Houston:** J. R. Corder, J. L. Hazlett, Smith & Francis; **Hutchinson:** L. M. Poston.

Jack: Eugene Ashe, L. E. Boley, Walter Maassen; **Jasper:** Bert Swindall; **Jefferson:** C. F. Cummins, I. C. Cattle Co.; **Jim Wells:** Dr. J. A. Moet; **Jones:** Art Faustgen, Joseph L. Wood, Jr.; **Kaufman:** Dr. W. F. Alexander, Olen A. Coleman, Jr., John M. Russell; **Kendall:** Alexander Cadena; **Lamar:** Owen George, Leary Bros., A. C. Mackin; **Lamb:** T. V. Murrell; **Lampasas:** C. F. McDougal; **LaSalle:** Martin Bros., H. Dudley Storey, Jr.; **Leon:** John R. Barrett, Foster & Kidwell; **Liberty:** K. K. Compton, Dennis Hales, A. J. Murry & Son; **Limestone:** John H. McElroy, H. T. McElroy, Claude A. Nussbaum; **Live Oak:** Mike Dolan; **Lubbock:** Ernest Lindsey, Mrs. J. D. Lindsey, Brady Lowe, Emerson R. McGee, W. H. Melton, Spring Creek.

Madison: J. W. Mathis, Jr., M. E. McWharther, W. M. Thompson; **McCulloch:** L. A. Bryson; **McLennan:** Guy S. Conley, J. M. Radley, Dr. A. F. Smith; **Medina:** Lawrence Fritts; **Midland:** Maner Graham, Milam; **Clayton Barton, James A. Brock, F. W. Vogelzang; Montague:** Marion B. Posey; **Montgomery:** J. W. Baker, Arthur S. Boyd, Tommie E. Fields, Roman B. Williams, Dick Yancey; **Nacogdoches:** Odell Hill, Jim Still; **Navarro:** Edgar C. Alexander; **Newton:** Adolph Ebner, Jr.; **Nolan:** Helen Virginia Strong; **Nueces:** Fred F. Morgan; **Orange:** B. L. Moore, Cleo H. Thornton.

Palo Pinto: Roy F. Reynolds, Eunice K. Schroeder, Harvey B. Sims, Jr.; **Parker:** G. D. Bird, J. W. Burroughs, Clyde R. Moore; **Folk:** E. T. Murphy, John E. Wiseman; **W. E. Williams; Potter:** Fred W. Dodson, J. M. Farr, B. G. Hunter; **Randall:** J. Everts Haley; **Real:** Mack Callahan; **Red River:** Ray C. Shrader, H. E. Troutt; **Reeves:** O. H. Sullivan; **Roberts:** A. B. Renner; **Robertson:** B. T. Ables, A. V. Bothager, Carlton Hicks, T. D. Wilson.

Sabine: H. E. McGown; **Scurry:** Harold P. Brown, M. Frank Miller; **Shelby:** Joe E. Barton, L. B. Johnson; **Smith:** John R. Bowdoin; **Tarrant:** W. H. Addieway, W. H. Brown, A. R. Clark, Johnny Cockburn, David B. Coltry, Sam R. Hord, Arlon T. Kenemer, William L. Manloach, Mastin Properties, Oscar E. Monnig, Trinity Bar Ranch, Lewis D. Wall, Inc., Robert L. Wells; **Taylor:** A. M. Hinds; **Titus:** Aubrey Roberts, John B. Stephens, Jr., Wm. A. Taylor; **Trinity:** Ruth Brien, R. E. Davis, W. B. Due; **Uvalde:** C. B. Morris; **Van Housen:** Van Landi; **Waller:** J. Anderson, M. L. Clayton, Jr., A. R. Connally, Phil Hughes, Russell Johnson, Raymond A. Jones, E. R. Sides; **Victoria:** Mrs. J. M. Crawford, Donald Meek, Mrs. Gertrude Rydolph.

Walker: Donahoe & Costilow, M. L. & J. C. Hardy, Charles W. Smith; **Wharton:** John T. Gann, Jr., Charles Solomon, Sr.; **Wilbarger:** F. T. Dabney; **Williamson:** Ethel Hicks; **Wilson:** O. J. Hierholzer; **Young:** L. F. Atwood, R. E. L. Gowan.

OKLAHOMA

Atoka: V. E. Dick Andrews, R. E. Cochran, Joe B. Hopson, Wither- spoon Bros.; **Canadian:** Hal Owen; **Carter:** Spradling & McGhee; **Cimmaron:** Cimmaron Trust Estate; **Coal:** Jesse Marcum, A. A. Ratcliff; **Craig:** A. A. Browning, Jim Ray; **Garvin:** Walter J. Brandt, Madison Wright; **Grady:** Harry Webb; **Kay:** Riley Hargraves; **LeFlore:** Jack Sanders; **McCarters:** C. Barnett, Pat Martin, Sam Merritt, Dr. J. C. Morgan, John Snyder; **Noble:** Louis Rist; **Oklahoma:** B. W. English; **Osage:** S. A. Dellaplain, Allen Hane, Lemmons & Lewis; **Pittsburg:** Rosa Foris; **Pontotoc:** Mrs. John H. McKay, J. A. McKennon; **Stephens:** Wm. A. Hill & Son; **Wagoner:** Samuel G. Whitaker, Alvis Wilson; **Tulman:** R. A. Eversole, Chas. Payne, L. M. Zumwalt.

ARKANSAS

Little River: Theodore S. Capps; **Miller:** W. H. Owen; **Sevier:** W. A. Moller; **Yell:** O. L. Tippin & Son.

KANSAS

Chautauqua: H. Virgil Crane; **Greenwood:** H. H. Beedles.

MISSOURI

Camden: Fred J. Fillingim.

NEW MEXICO

Eddy: W. Leslie Martin.

VIRGINIA

Fauquier: Nathaniel Holmes II.

Make Short Work of Pink Eye!



SULMET*

Sulfamethazine *Lederle*
TINTED
EMULSION

Quickly Stops Growth of Bacteria, Saves Time and Money

Bland and Soothing

Effective and Protective

Prompt action is called for when farm animals show indications of eye infections. SULMET Sulfamethazine Tinted Emulsion *Lederle*, in the new plastic squeeze bottle, helps to control quickly pink eye (keratitis), a bacterial eye infection common in livestock.

SULMET Sulfamethazine, the all-purpose sulfa, is famous for its prompt and effective action against many costly bacterial infections that formerly took serious toll among farm animals. In emulsion form, SULMET is easy to administer, time-saving, and its color permits immediate identification of treated animals.

Used before infection is seriously established, one treatment usually is sufficient. In severe infections, 2- or 3-day treatments may be necessary.

If there is any evidence of general infection or septicemia, such as increased temperature, SULMET Sulfamethazine OBLETS* or Powder should be given by mouth or injections of SULMET Sodium Sulfamethazine Solution Injectable** given, in addition to local eye treatments.

This product must be administered in accordance with our package literature, preferably under the direction of a veterinarian.

*Reg. U. S. Pat. Off.

**Dispensed by, or on the prescription of, a veterinarian.



LEDERLE LABORATORIES DIVISION

30 Rockefeller Plaza

AMERICAN *Cyanamid* COMPANY

New York 20, N. Y.

H. E. McCulloch
Mustang Ranch
Millerville, Texas

March 6, 1952

La Pryor Milling Co., Inc.
La Pryor, Texas

Dear Sirs:

I started feeding your Winter Garden PVM 20% about October 1, 1951 to about 60 head of Brahma and Hereford cows. My cows have kept in good condition. They are now calving and I haven't had any trouble with them while calving. The calves are strong and healthy at birth.

My feed bill has been less this winter than it has ever been before on the same number cows for the same length of time. I credit this to the use of Winter Garden PVM. I expect to continue to use Winter Garden PVM.

I think Winter Garden PVM is the best supplement I have ever fed and, I expect to continue feeding it. The cost per head for Winter Garden PVM has been very economical and I wouldn't hesitate to recommend it to any one in the cattle business.

Very truly yours,

W. H. Carlton
Mgr.

REYNOLDS POLLED HEREFORD RANCH
Goldthwaite, Texas

March 17, 1952

La Pryor Milling Co., Inc.
La Pryor, Texas

Gentlemen -

We have used PVM for about 60 days. I don't know how to put into words what it has done for us.

Before we started using PVM we were losing a big per cent of our calves. They were too weak when they were born. Since we started feeding this feed we haven't lost a calf and they appear to be strong and vigorous when they hit the ground.

There has been a definite increase in weight of our stock and they are much more vigorous.

Sincerely yours,

REYNOLDS POLLED HEREFORD RANCH

S. C. Nelson
Mgr.

PVM SAVES TIME and LABOR

DEVELOPED BY

J. T. "HAPPY" SHAHAN

LA PRYOR MILLING CO. INC.

Pasture Values Multiplied

THE POWER-PACKED SELF-RATIONING
SUPPLEMENT



WINTER GARDEN PVM meets the every need of livestock on range . . . and at low cost. You can't feed it wrongly—because the cattle, sheep, and goats take just what they need . . . no more . . . no less. Hence, they grow with greater uniformity and keep in better condition.

A range supplement to be self-fed with safety must meet two main requirements: (1) It must supply needed nutritional elements that are lacking in the forage; and (2) It must under no condition be consumed in greater than needed amounts. Tests at Shahan Angus Ranch over a period of 5 years showed that WINTER GARDEN PVM met both these requirements with flying colors. It will do the same for you.

Don't wait until poor range conditions have caused great weight losses in your cattle and have resulted in poor fleeces on your sheep and goats. Start feeding WINTER GARDEN PVM 12% Protein *right now*. If range deteriorates badly during summer use 16% or 20% Protein PVM. Then your animals will always obtain the required proteins, minerals, and vitamins they need to maintain good condition or continuous growth.

When forage is lush your animals will consume PVM in very small amounts . . . 1 to 2 ounces per head per day for sheep and goats, and 3 to 5 ounces for cattle. Then, as the nutritional value of the forage drops they will eat more to meet their feeding needs. During late fall and winter when forage is poorest, cattle may consume from 2½ to 3½ pounds of WINTER GARDEN PVM per head per day. Over the year sheep and goats will consume about ¼ pound of PVM and cattle about 1½ pounds per head per day. Since PVM can be safely put out in large self-feeders, its use cuts down feeding labor costs to a minimum. You can't go wrong on PVM.



LA PRYOR, TEXAS



Fall contracts

Write today for your sample MR Beefmaster contract covering the sale and delivery of our 1952 bull calves.

The picture above of a typical four-year-old cow was taken several months ago under drouth conditions. Since then the rains have come and she is enjoying an abundance of green grass.

The calves to be delivered this fall are from cows such as the above who have proven their ability to continue high production under severe drouth conditions with a minimum of care and expense.

MR Beefmasters are gentle and thrifty on the range, in the feedlot, or on the stock farm.

"Put them on pasture . . . they'll do the rest"

MILLER RANCH
MR Beefmasters
 HEREFORD - SHORTHORN - BRAHMA BLEND
FALFURRIAS, TEXAS

Our Beefmaster breeding was purchased from the original Lasater Beefmaster herds now located at Falfurrias, Texas, and Matheson, Colorado.

Cattle Theft Prosecutions

CHARALETTE DEE BROWN was tried in District Court of Liberty for theft of cattle from Pete Richards. The jury found him guilty and gave him a five year suspended sentence. Sheriff Lynn Evans and Texas and Southwestern Cattle Raisers Association Inspector Buck Eckols secured the evidence in this case.

Lewis Hunter, Herbert Nowlin and Jess Ales pleaded guilty, to grand larceny of twenty sacks of cake, before District Judge LaVern of Atoka County, Oklahoma. Each received a three year suspended sentence. The cake was stolen from A. J. Bridges of Atoka County. Evidence was handled by Texas and Southwestern Cattle Raisers Association Inspector Coy Rosenthal.

W. G. McCormick of Llano, Texas, pleaded guilty before the District Court of Llano, to the destruction of gates, and was assessed a two year sentence in the penitentiary, which was probated.

On June 12, 1952, P. A. T. Crawford, Loyd Crawford, Glenn Alvin Naiman and Loranzel Elledge were tried in the 97th District Court at Archer City for theft of cattle from George B. Ancell III, Rich Burnet and Andy Baggett. On a plea of guilty, P. A. T. Crawford was assessed a seven year term in the penitentiary in each of the three cases. Loyd Crawford was given the same sentence. Loranzel Elledge was assessed a four year penitentiary sentence each in two cases. Glenn Alvin Naiman was assessed a four year penitentiary sentence in two cases and the judge revoked a two-year suspended sentence. The sentences received by the four amounted to a total of sixty years. The Texas and Southwestern Cattle Raisers Association attorney assisted the district attorney, Carl Coffman. Evidence in these cases was worked up by Sheriff C. A. Morrison of Archer County assisted by Texas and Southwestern Cattle Raisers Association Field Inspector D. T. Flowers.

Cattle on Blue Stem and Osage Pastures

THE Blue Stem-Osage pastures of Kansas and Oklahoma received about eight per cent fewer cattle during the spring season of 1952 than in the spring of 1951. The pastures are fully stocked with a record number of cattle and calves, as 11 per cent more cattle and calves were wintered over than a year earlier. Cattle arrived a little early, but have made good gains and are in good condition. Pasture feeds are very good.

The spring (January-May) receipts of cattle this season, by rail and truck, into the two sections are estimated at 332,000 head, compared with 361,000 head in 1951, 335,000 head in 1950, and the ten-year (1941-50) average of 349,000 head. This season's receipts are the smallest since 1944. The cattle shipped in included a smaller proportion of aged steers than in past years, with an increased proportion of cows and young cattle. The local and wintered-over cattle carry a large proportion of cows and calves and young cattle.

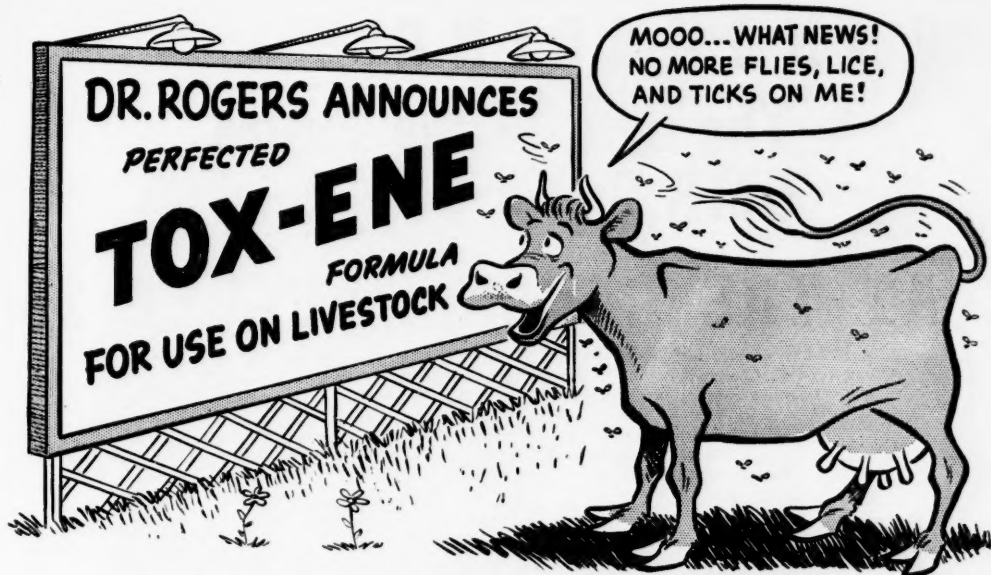
Cattle and calves are in very good condition; local cattle wintered well with considerable supplemental feeding. Some thin cattle came from the dry areas of the Southwest. Pastures are very good after a late start, with ample soil moisture from earlier rains, as the May precipitation was somewhat below normal. Present indications are that the marketings may be a little later than usual, with the peak run the latter half of August and early September.

The pastures were leased early, largely in December, 1951, and January, 1952, at record prices. Many cattle from the dry Southwest were forced to locate in other sections and states. Pastures in other sections of Kansas and Oklahoma are well filled with cattle, as more cattle were wintered than a year earlier. Other grazing sections in central and northern Great Plains are well filled with cattle.

The estimated number of all cattle and calves in the two sections on January 1, 1952, was 987,000 head, compared with 890,000 head on January 1, 1951; 821,000 head on January 1, 1950, and the ten-year (1941-50) average of 752,000 head. Included in the estimate of total cattle and calves are 95,000 milk cows on January 1, 1952, 101,000 head on January 1, 1951, 100,000 head on January 1, 1950, and the ten-year (1941-50) average of 112,000 head.

Blue Stem (Flint Hills) Pastures of Kansas

The Blue Stem pastures received about five per cent fewer cattle this spring than in the spring of 1951. The receipts of cattle and calves by rail and truck from January 1 to May 31, 1952, are estimated at 288,000 head, compared with 304,000 in



THREE YEARS OF RESEARCH DEVELOPED

Dr. Rogers' **TOX-ENE**

Ever since Toxaphene was developed and proved to be such a good cotton insecticide, the staff of chemists at Dr. Rogers' modern scientific laboratory have been working on a formulation which would make Toxaphene usable for livestock raisers. NOW, DR. ROGERS' TOX-ENE brings you this powerful insect killer properly prepared for use on livestock . . . and it lives up to the expectations scientists held for it.

REAL INSECT RELIEF

One application of DR. ROGERS' TOX-ENE gives complete destruction of lice, ticks and flies, either in a spray or dip, and it is economical to use.

LONG LASTING PROTECTION

As well as providing complete quick kill, DR. ROGERS' TOX-ENE will also destroy insects which come later for periods up to three weeks or longer.

STAYS MIXED

In a spray or dip DR. ROGERS' TOX-ENE will NOT settle to the bottom or "churn out." You can be sure that each animal is subjected to the same dilution.

GET DR. ROGERS' TOX-ENE

Insist on DR. ROGERS' TOX-ENE. It is the only Toxaphene product which has behind it three years of study and research directed by Dr. R. L. Rogers.

UNCONDITIONALLY GUARANTEED BY

TEXAS PHENOTHIAZINE CO.

(BOX 4186)

FORT WORTH, TEXAS

A N N O U N C I N G

The Sale of the Entire GMR Brood Cow Herd

AT THE RANCH • AUGUST 25

Ever since last year when we sold our Senatobia Ranch to Dr. Charles W. Campbell, we have had far more cattle than our present ranch, which consists of 535 acres, will carry. And rather than have a culling sale we have decided to sell our entire brood cow herd. This is not a dispersion and every animal in the sale will carry the customary guarantee. We are retaining about 75 bred and open heifers and our chief herd sire GMR Advanrol.

Offering Includes:

15 Bulls (including our junior herd sire GJ Victor Aster); also some top herd-bull prospects.

220 Cows with about 150 calves at side by sale time. Every female that has produced a calf will sell.

Important Notice

The demand for sons and daughters of GMR Advanrol has been so great that for the past year we have bred him artificially. This makes it possible for you to have the opportunity to secure the get and service of this great breeding bull in our sale.

Every cow not with calf at side will carry his service and all the cows with calves old enough will be bred back to GMR Advanrol whose picture and pedigree appear on the opposite page.

GLEN MEADOW RANCH

Mr. & Mrs. A. P. Tarpley, Jr., owners



GMR ADVANROL

CMR Rollo Domino 12th 198323-3804163

June 22, 1946.

CMR Dominette 50th 207237-4087783

CMR Rollo Domino 147094-3254000
VV Bonnie Burton 3d 274985

Circle M. Adv. Dom. 144908-3233655
Jewel 57th 98641-2402778

Victor Domino 4th
Donna Mischief
Orville Domino
VV Blanche Mischief
Advance Domino
Racelle Domino 5th
Polled Picture 9th
Lady Suratt 15th

Note he is a son of CMR Rollo Domino 12th and out of CMR Dominette 50th, a top daughter of Circle M Advance Domino, the cross that has made Circle M Ranch famous the world over.

His calves have topped three of the four Panola-Tate calf sales.

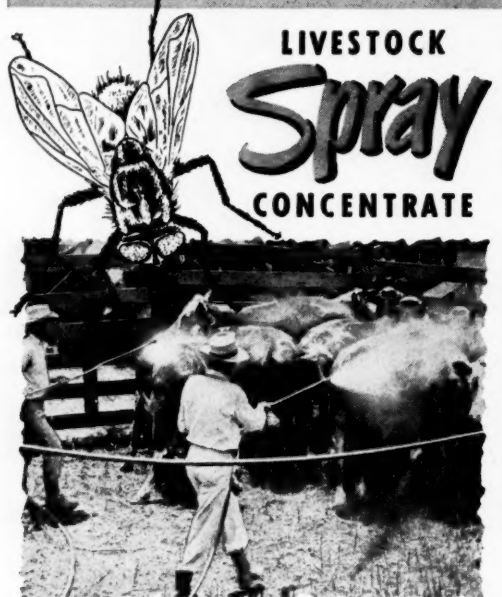
• Hernando, Miss.

Headquarters 30 miles south of Memphis on U. S. 51

Bill Hall

John Conrad

FARNAM
TOXANOX
LIVESTOCK
Spray
CONCENTRATE



Gets Results!

KILLS HORN FLIES . . . TICKS
 (Lone Star, Gulf Coast, Winter and
 Fever Ticks) . . . **LICE** (Short Nosed,
 Long Nosed and Tail Lice) . . . On
 Cattle, Horses, Hogs, Sheep and
 Goats! Also a residual surface spray!

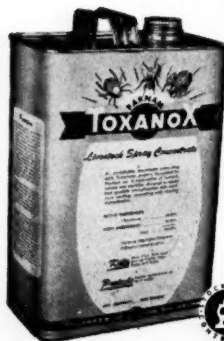
PROTECTS against re-infestation up to 3 weeks!

At Low Cost!

MIXES with water at economical
 dilutions . . . 1 to 150 up to 1 to 600.
 Assures better results at lower cost.
 Gives you positive kill plus long
 lasting residual toxicity.

Toxanox is an emulsifiable 65%
 Toxaphene concentrate properly
 formulated for use on livestock. Contains
 the right combination of toxicant,
 solvent and emulsifier for best results.
 Mixes easier, emulsifies better and
 disperses properly in spray solution.
 Dollar for dollar it gives you a better
 kill of lice and ticks, as well as flies.

AT YOUR DEALER — If he
 doesn't stock it, he can quickly
 get it for you, from —



The FARNAM Company
 Phoenix, Arizona

1951, 284,000 in 1950, and the ten-year (1941-50) average of 293,000 head.

The pastures are fully stocked with the January 1, 1952, inventory showing about 10 per cent more cattle than a year earlier. The cattle arriving this spring consisted of fewer aged steers than in past years and a larger proportion of cows and calves and young cattle. Cattle are generally in very good condition and have made good gains; a few thin cattle came in from the dry areas of the Southwest. Local cattle wintered in good condition. The condition of cattle and calves on June 1, 1952, was 91 per cent, compared with 89 per cent a year ago, 88 per cent two years ago, and the ten-year (1941-50) average of 93 per cent.

Pasture conditions are very good. May rainfall was somewhat below normal, but abundant earlier rainfall gave ample moisture. The grass growth was late, but developed rapidly in May and is of better quality than last year. The pasture condition on June 1, 1952, was reported at 94 per cent, the same as a year earlier, which compares with 87 per cent two years ago, and the ten-year (1941-50) average of 93 per cent.

Osage Pastures of Oklahoma

The receipts of cattle into the Osage pastures this season were about 23 per cent smaller than last season. The pastures are fully stocked with many cattle arriving last fall and winter with increased local inventories. The pastures have an unusually large proportion of cows and calves and young cattle, with a smaller proportion of aged steers than in past years. Receipts of cattle this spring, by rail and truck, were 44,000 head, compared with 57,000 head in the spring of 1951, 51,000 in 1950, and the ten-year (1941-50) average of 57,000 head.

Cattle are in very good condition and are making good gains. Some thin cattle came in from dry areas of the Southwest. Local cattle wintered in good condition. The reported condition of cattle on June 1, 1952, was 94 per cent, compared with 91 per cent a year ago, and the ten-year (1941-50) average of 93 per cent.

Steps Up Mexican Foot-and-Mouth Disease Campaign

INCREASING activity, designed to detect and eradicate quickly any outbreak of foot-and-mouth disease in Mexico, characterized the activities of the Mexico-United States Commission for the Eradication of Foot-and-Mouth Disease during May. This is made clear by a monthly roundup of accomplishments released by the Director and Co-Director, Licienciado Oscar Flores and Dr. L. R. Noyes.

Livestock inspection, numerically the largest operation of the Commission, increased from an average of 8,300,000 per month in the first four months of 1952 to 12,500,000 in May. May inspections reached 324,136 herds containing 5,406,677 cattle, 2,025,526 sheep, 2,594,546 goats, and 2,503,395 hogs. Increased inspection is brought about largely through the addition of more than 400 local inspectors of Mexican nationality since last fall. Monthly inspection now reaches nearly three-fourths of the 17,000,000 susceptible animals in the quarantine zone rather than about one-half as in the past.

Veterinary inspections have increased from an average of 707 per month in the first four months of the year to 1,295 in May. This activity is basic to the campaign, for it involves technical consideration of animals having abnormalities of the feet, mouth, and teats. Nine tissue samples were taken during May, for laboratory and biological analysis at the Commission's Palo Alto laboratories in Mexico City. Three of these samples were negative to all tests, three were Indiana stomatitis, and three were New Jersey stomatitis. None was foot-and-mouth disease. One of the samples was from the municipio of Misanthla, Veracruz, where there was an outbreak in August, 1951.

The organization of local vigilance committees to report sick animals to Commission personnel continued during May, with the formation of 831 new committees with 35,611 new members. There are now operating in the quarantine zone 9,364 such committees with a total membership of 170,777 vigilantes.

Sick-animal reports have mounted steadily this year, from 22,514 in January (60 per cent of them reported by the people and 40 per cent by routine inspection) to 202,560 in May, of which 76 per cent were reported by the people—a new high.

This augmenting activity in an organization which will be liquidated in September of this year is an indication that thus far the letdown which might be expected under the circumstances has not yet occurred.

Because of the addition of Mexican local inspectors, Commission manpower increased during May from 1,782 to 1,834. Mexican Government employees decreased by one in the period, from 118 to 117. U. S. Government employees decreased from 372 at the first of the month to 351 at its close.

Regulations Proposed by USDA Would Prohibit Importation of Raw Bone Meal

THE importation of "raw" bone meal for use as fertilizer or feed would be prohibited under amendments to existing import regulations proposed by the U. S. Department of Agriculture. These amendments are recommended by the Department in answer to requests from various segments of the livestock industry and other interested groups for restriction to prevent the entry of products which might be the means of disseminating anthrax.

Under the proposed amendments, only steamed and special steamed bone meal (degelatinized) . . . which in the normal process of manufacture has been heated under a minimum of 20 pounds of steam pressure for at least an hour at a temperature of not less than 250° Fahrenheit . . . could be imported. Such processing destroys anthrax spores. The Department would determine whether or not requirements have been met at the time the product is offered for entry.

All imported animal bones, including crushed bones, to be used as fertilizer or as feed for domestic animals, would have to be consigned for further processing direct to establishments approved by the Department. Before approving an establishment, the Department would determine that its equipment and facilities are adequate for the proper handling of the products. The Department would also determine that the products would be processed in a manner to prevent the dissemination of anthrax, foot-and-mouth disease, and rinderpest.

The Department points out that the new regulations are aimed at reducing the possibility of introducing anthrax into the United States. At the same time, it is important for livestock owners to maintain adequate disease-control measures on their farms and ranches. Agricultural scientists state that the feeding of carcasses of dead animals to swine is probably the most common source of infection in hogs.

Losses from recent outbreaks in the Middle West have been relatively light, due in part to the fact that the disease occurred chiefly in hogs, which are not normally as susceptible as cattle. Reports received by the Department show that during the first quarter of 1952, anthrax broke out in the midwestern States of Illinois, Indiana, Iowa, Michigan, and Ohio . . . 395 outbreaks with losses of 846 swine and 31 cattle. Additional outbreaks were reported from California, Kansas, Missouri, Nebraska, Oklahoma, Texas, and Wisconsin.

Canadian Livestock and Meat Situation

CANADA'S \$2,000,000,000 livestock industry received a severe set back during the first quarter of 1952 with the diagnosis of foot-and-mouth disease in South Saskatchewan. Although it has been necessary to slaughter only 1,700 head as of May 15 in connection with the outbreak, confused marketing conditions have resulted from ensuing embargoes on livestock and meat shipments, reports William L. Rodman of the American Embassy in Ottawa.

A hog surplus, which may total 90,000,000 pounds by late fall, is flooding storage facilities to capacity. The Canadian Government has established a \$26 per cwt. floor price for hogs and has bought 35,000,000 pounds of canned pork, 31,000,000 pounds of the five basic cuts, and nearly 15,000,000 pounds of Wiltshire sides. No substantial outlet has been found for these purchases. The problem is compounded by an expected 22 per cent increase in the spring pig crop this year.

The cattle surplus in 1952 may total up to 80,000,000 pounds carcass weight. This situation has been greatly relieved by a tripartite agreement between Canada, England and New Zealand whereby at least 40,000,000 pounds of Canadian beef will be sent to England to fill the remaining portion of the 1952 United Kingdom-New Zealand meat contract. A corresponding amount of New Zealand meat will be marketed in the United States.

Less Corn Under Price Support

THE U. S. Department of Agriculture reports that farmers had put 25,011,463 bushels of 1951-crop corn under Commodity Credit Corporation price support through April, 1952. This compares with approximately 49,347,000 bushels of 1950-crop corn put under support through April, 1951.

The price support total for 1951-crop corn consists of 23,909,289 bushels under farm storage loans, 495,757 under warehouse storage loans, and 606,417 under purchase agreements. Of the total, about 7,177,000 bushels were put under support by farmers in Iowa, 6,124,000 by farmers in Illinois, and 3,377,000 by farmers in Indiana.

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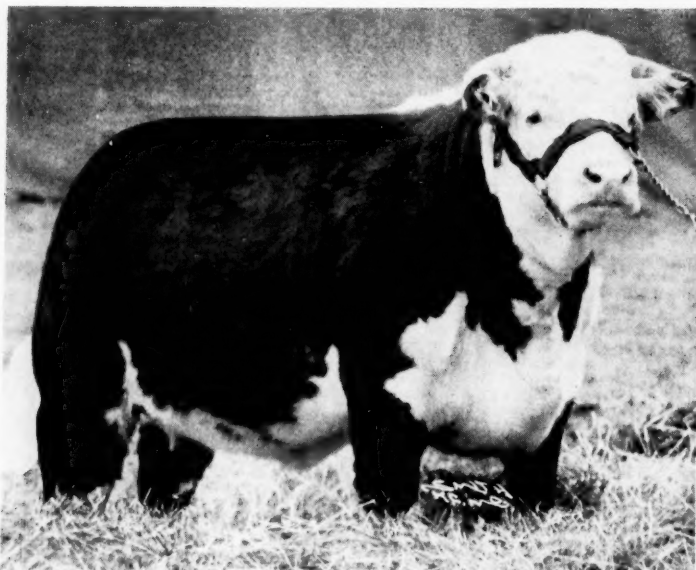


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The Impact of the Brahman on Beef Production

By GAIL WHITCOMB

INTRODUCTION of Brahman blood into the beef industry has produced more meat than any other single factor in the history of the industry. The story of Brahman blood in beef production starts with the twentieth century. Yet, in this brief period, Brahman blood has built billions of pounds of good meat for human consumption. I wouldn't say that today more prime ribs of beef were cut from Brahman carcasses than from those of any other breed, but I will say that more Brahman influenced beef went into today's lunch pails, and in looking over this unsettled world, you will see that unrest is in direct proportion to meatless lunch pails!

What, then are these Brahman beef-machines? Actually, there is no magic or mystery whatsoever surrounding the animals. They had their origin in the cattle native to India. These Indian cattle are known as *Bos Indicus* and have existed for thousands of years as one of the several bovine families. Of these several bovine families or species, the first to be utilized for human consumption was not the *Bos Indicus* but the *Bos Taurus*. These *Bos Taurus* animals descended from Urus or Celtic Shorthorn origin, and were native to western Europe and England. In that area, men were great meat eaters, and beef was desired. Animals were slaughtered for their flesh. There, men early began to improve their breeds, and inferior animals found their way to the pit or the skillet. Better beef animals soon emerged. Many branches sprang from the original stock, and each was developed for a purpose according to the need and environment. Through these hundreds of years of development of the *Bos Taurus* family, many breeds of cattle have been given us, such as the Hereford, the Angus, the Shorthorn, and they have come to be known as the "British breeds." Good beef animals for specific areas have been developed through these many generations of studied and intense breeding programs. The cattle of the British breeds which are delivered to the livestock man today all are the final product of these centuries of careful breeding for beef. The British breeds have been developed to their optimum—yet, the world has not been furnished sufficient meat. To be sure, these are good animals. They pro-

EDITOR'S NOTE: The following article is a paper prepared by Gail Whitcomb, ex-president of the American Brahman Breeders Association, for presentation at the Cuban Brahman Congress in Havana, February 24-29, 1952.

duce good meat. But their latitude is limited. If given ideal factors, their excellence is recognized, but under less favorable conditions, production becomes marginal. The livestock industry, with blood of the British breeds alone, could exist only in certain favored spots of the world.

That branch of the bovine group which is known as *Bos Indicus* has for thousands of years existed in much the same pattern as today we find him in India. His origin was in the East where flesh was not generally used for food, and for centuries the animals lived and grew with no attempt on the part of man to utilize them for beef. His existence, therefore, had no benefit of selection for beef characteristics.

All animals were privileged to live and reproduce because it was evil to slaughter any one; and even though men were hungry, no thought was given to the utilization of the beast for food. But the animals were subjected to a tough environment of desolate and barren lands and over the years the surviving animals carried forward through a process of natural selection and produced an animal that will thrive universally.

By chance the Indian animal was brought West to South America, to Jamaica, to Cuba, to North America. This introduction, in any substantial numbers, would not date back more than fifty years. In fact, the real history of selection of animals for beef qualities and the concerted effort to produce beef through the utilization of *Bos Indicus* blood dates back to 1925 and the organization of the American Brahman Breeders Association. The creation of this association resulted in the selection for beef production of certain qualifying animals of *Bos Indicus* blood and established the American Brahman in the Beef Industry of the world.

By this time, cattlemen were beginning to recognize that Brahman blood, fused

with that of their native cattle, gave them the right economic result. I doubt if at that time many cattlemen realized that they were capitalizing on "Heterosis," the genetic phenomenon of hybrid vigor, and, I doubt if many cared. But what they did know was that they were going to the packing house with more pounds of beef raised on ranges where conditions had been the worst—and this was enough for them. They used more Brahmans.

In these few years since the Brahman was introduced into the beef picture, billions of pounds of additional beef has been produced for human consumption, and without Brahman blood these billions of pounds of beef would not have been produced.

The true impact of Brahman blood on beef production is just now beginning to be understood and has not yet been accurately and fairly appraised.

The subject of Brahman blood in beef production obviously breaks into two divisions:

1. Increased production through heterosis gained from inter-breeding the Brahman with various families of the British breeds—or what is commonly called "crossbreeding."

2. Beef produced through the rapid development of purebred Brahmans selected and designed for beef production.

We will discuss, first the subject of crossbreeding. This practice of interbreeding two separate species of bovine animals has to date accounted for the greater part of the billions of pounds of additional beef. This impetus to beef production was the primary reason for the introduction of the breed into the beef picture.

The Gulf Coast area of Texas and Louisiana has probably the densest cattle population of any similar geographical area in the world. The Brahman absolutely dominates this population and but for Brahman blood, this area would support but a small part of this great beef industry.

The livestock industry of the State of Florida has in the last ten years increased many hundreds of per cent until today that state ranks twelfth in beef cattle in the United States, and this by reason of Brahman blood. But for the

(Continued on page 57)

The Brahman Breed

Prepared by The Cattleman Staff



Part of the Red Brahman herd owned by Dr. T. M. Neal of Wharton, Texas.—The Cattleman Staff photos.

THE influx of Brahman blood into the cattle herds of Texas and other parts of the nation during the past few years has no parallel in the history of the livestock industry and the fact that Brahman cattle are rapidly developing into excellent, highly-productive beef producers cannot be denied.

Although comparatively few Brahman cattle have been imported into this country since the first importation in about 1848, the breed has grown, prospered and taken its place alongside other beef breeds in the country. Brahman cattle are noted for their ability to transmit desirable characteristics to their offspring when mated with animals of the British breeds. Today many commercial cattle on the Gulf Coast prairies of Texas carry some Brahman blood and cattlemen have found that they contribute in no small way to the economic value of their enterprise.

Although the Gulf Coast is known as an area concentrated with Brahman cattle, both purebred and cross-bred, this is by no means the only area in which they have demonstrated their ability to produce beef. Most of the southern states have large herds of Brahman cattle and many more herds that carry Brahman blood. In recent years herds of registered Brahmans have found new homes in central, north and west Texas. Breeders report sales of animals to Oklahoma, Kansas and farther north to be on the increase and Brahmans can now be found in 46 states. Cross-bred steers carrying some Brahman blood are becoming more plentiful on the northern markets and

their popularity is gaining as they demonstrate their ability to grow into good beef and make economical gains.

The first Brahman cattle were imported from India a little more than one hundred years ago. This importation was made by Dr. James B. Davis and the cattle were brought to his place in Fairfield County, South Carolina. This importation failed to establish the breed due to the fact that the cattle were consumed during the Civil War. Very little progress was made in developing the breed in the United States before the 80's and it has only been in recent years that they have grown at a rapid pace. The slow progress of the breed in the early years was due to the fact that the total importations of purebred Brahman cattle into the country from India were small in number. Some came into the United States from Mexico and Brazil. Brazilian breeders made many importations from India before 1900.

Starting with a few purebred animals American breeders began to perpetuate the breed and have done an outstanding job of developing Brahman cattle despite the fact that getting stock from India was next to impossible. However, large herds of outstanding animals have been established and the number of Brahmans has grown to a large figure. There is no way of estimating how many cattle in Texas, or the South, or the nation now carry some Brahman blood, but the number is very high.

The introduction of Brahman blood into the beef industry has resulted in the production of millions of tons of meat

for human consumption. The Brahman comes from the *Bos Indicus*, a species in the bovine group which has existed for thousands of years in India in much the same way as it is found there today. On the other hand, the *Bos Taurus* species has given us such breeds as the Hereford, Angus and Shorthorn, which are known as the British breeds. With the introduction of Brahman blood cattlemen found that Brahman cattle crossed with the British breeds produced an offspring with hybrid vigor capable of putting on pounds of flesh in a short period of time. Cattlemen also found that Brahman blood in their herds increased the resistance of their cattle to insects, heat and disease.

Little improvement had been made in the Brahman breed until American cattlemen began to select and build up herds of these animals at the turn of the century. Unlike other breeds, the Brahman sweats through its hide. Due to the presence of sweat glands the Brahman can endure the heat and when the sweat evaporates a yellowish-brown substance remains on the skin which is said to discourage flies, ticks and screw worms.

The Brahman is a sensitive animal of quick movement but the common belief that Brahmans are wild and hard to handle as a beef breed is erroneous. They are easy to handle when properly managed and are as gentle as any breed. They do well under adverse conditions and are especially noted for their ability to rustle on the range and produce an abundant supply of milk for their offspring.

One of the breeding herds on Burke Brothers Brahman Ranch near Corsicana, Texas.



These young bulls on the Walter Wessman Ranch near Lampasas, Texas, are gentle and show fine disposition.





Above:—Part of the breeding herd at Pecan Acres Ranch near Simonton belonging to Vernon Frost of Houston.

Top right:—These yearling heifers are shown on the H. G. Kimball Ranch 20 miles east of Cotulla.

Brahman breeders are confident that their cattle have every possibility as a major beef breed but at the present time their primary use is in cross-breeding.

There have been many crosses of Brahman cattle with the British breeds. The King Ranch at Kingsville, Texas, has developed the Santa Gertrudis by crossing Brahman with Shorthorn cattle and through careful selection and breeding over a period of years has established a new breed. Santa Gertrudis are of $\frac{3}{4}$ Brahman and $\frac{1}{4}$ Shorthorn breeding.

A popular cross-breeding program experiencing success and much popularity with cattlemen is the Brahman and Angus cross known as the Brangus. The Brangus is $\frac{3}{4}$ Brahman and $\frac{1}{4}$ Angus. Brangus breeders now have an association of their own located at Vinita, Oklahoma.

Another cross is the Brahman-Hereford, referred to as the Braford. No definite attempt is being made to establish this cross as a breed, but many cattlemen are successfully raising Braford cattle.

Recently Charolaise, a French breed, were imported into the United States and they have been successfully crossed with Brahman cattle. The offspring from this cross and subsequent crosses is known as the Charbray, consisting of $\frac{1}{4}$ Brahman blood and $\frac{3}{4}$ Charolaise, or the combination of $\frac{1}{4}$ Brahman and $\frac{3}{4}$ Charolaise.

(Continued on page 61)

Lower right:—Yearling heifers on the Brownlee Ranch near Burnet, Texas.

Below:—These cattle, registered in the PAZA, are shown on the Martin Brothers Ranch east of Cotulla.

A breeding herd on the J. D. Hudgins Ranch at Hungerford, Texas.

These cattle belong to Flato Brothers of Corpus Christi, and are shown on the ranch near Banquete.



Climate, Cattle and Cross-Breeding

By J. L. BAUGHMAN, Chief Marine Biologist,
Texas Game, Fish and Oyster Commission



An indication of how Brahmans are moving west is this registered herd belonging to A. R. Eppenauer of Marfa, Texas.

CLIMATE affects cattle not only through its effect on vegetation, but also directly through physiological functions involved in maintenance of normal body temperatures under diverse weather conditions. In turn this affects productivity.

That this is a significant factor which must be taken into account in either the beef or dairy industries has been substantiated by a large volume of research. J. A. Lush, et al and D. J. Schutte have shown that growth of range cattle for the first thirty months is directly related to seasonal changes of vegetation affected by climate. J. Hammond and A. O. Rhoad have directly correlated a drop in milk production in Jamaica, Trinidad and Brazil with reduction of feed and nutritional values during periods of drouth, a condition which Geraldo G. Carneiro showed is almost completely ameliorated by proper feeding.

However, as R. W. Phillips points out, tropical temperatures have more direct effects, particularly on northern breeds of cattle. F. R. Edwards analyzed the butterfat production of cows in Maine and Georgia and A. O. Rhoad states that the differences found in productive rates of the various groups was considered to be due to the direct effects of climate on the cows. W. M. Regan and G. A. Richardson showed, under uncontrolled conditions, that as temperature increased, milk production dropped, substantiating Rhoad's statement that dairy cattle in the tropics produced only about 56 per cent of their apparent capacity. Appar-

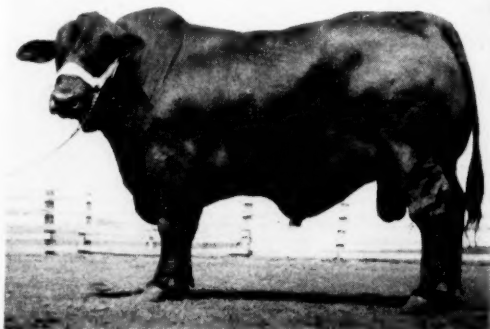
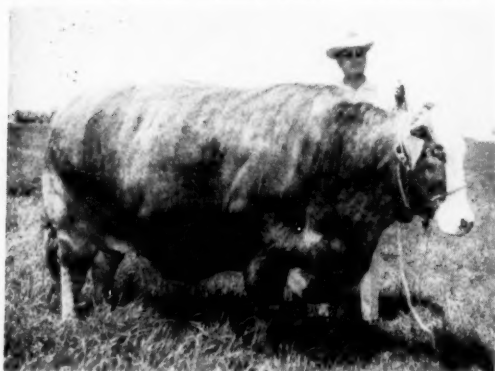
Editor's Note: The following material has been taken from the June 30, 1951 issue of the Texas Journal of Science published quarterly by the Texas Academy of Science. We are greatly indebted to the author, Dr. J. L. Baughman, for permission to present this material to the readers of The Cattleman. For the sake of brevity we have omitted all dates in which quotations by various authorities have been made. We are also omitting the bibliography which is several pages long. Other parts of the complete article have also been omitted when we considered they were not of general interest.

ently a drop in temperature is less important (R. G. Kelly and Rupel), at least within limits, than an increase, and that northern breeds thrive in the tropics, when their physiological needs are cared for, has been shown by V. Villegas. F. Pico confirms this, stating that European cattle do well in some areas of Puerto Rico because of favorable conditions created by constant trade winds. However, Carneiro and Rhoad found that purebred Holstein calves in the tropics, from imported dams, show a decrease in growth rate as compared with such calves under temperate conditions. He attributed this to the inability of such breeds to withstand the climate, high temperatures inhibiting proper metabolism.

Sunlight is also an important factor in adaptability of cattle. Rhoad, working

with beef breeds, showed that cattle exposed to strong sunlight underwent a rise in body temperature and respiration rate, indicating increased difficulty in disposing of body heat. This is reflected in grazing habits, less time being spent feeding on sunny days than when the sky is overcast (Rhoad). J. C. Bonsma found that animals of northern breeds ceased ruminating at atmospheric temperatures above 90 degrees F. There are, however, distinct differences between breeds in their ability to withstand climatic changes. Rhoad in the United States, J. H. R. Bisschop and Bonsma, et al in South Africa, M. H. French in Tanganyika, and Manresa in the Philippines, have all demonstrated this.

Coat and skin color apparently have a great influence on adaptability of cattle to tropical and subtropical environments. Harold F. Blum showed that, in various types of human beings, heat absorption was directly correlated with skin color. In ability to reflect sunlight, the various types of skin rank as follows: fine white, average blond, dark brunet, Hindu, and Negro. The amount of reflection varied from 45 per cent for the first, to sixteen or nineteen per cent for the Negro. Bonsma and A. J. Pretorius found, working with Jersey cattle of seven different shades of color, that light reflected from animals of various shades is directly correlated with color intensity. Rhoad reports that lighter colored kind reflect more of the rays of the sun, and therefore absorb less heat. For example, white Brahmans, light fawn Jerseys, dark fawn



This Braford steer owned by Burke Brothers of Corsicana, Texas, is a cross of Brahman and Hereford blood. Right—This Brangus, developed by cross-breeding Brahman and Aberdeen-Angus. A champion bull from Clear Creek Ranch, Welch, Okla.

Jerseys, and black Angus ranked in that order in the amount of sunlight reflected. Gertrud Riemerschmidt and J. S. Elder, experimenting with white Zulu, red Afrikander, and black Angus, obtained substantially the same results.

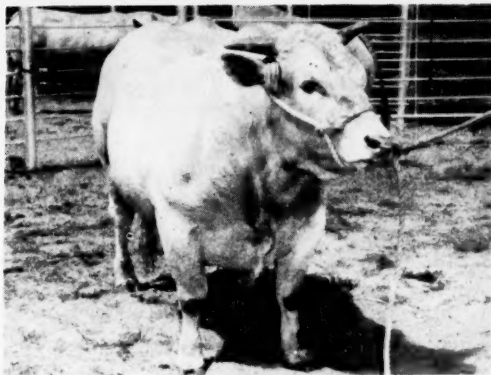
"Still another factor may be ability to sweat, since this is one of the important avenues of heat loss from the body. Little is known of the sweating ability of various types of cattle, but R. B. Kelley examined sections of some skins. In a microscopic field of 0.8 square millimeters he found an average of 9.33 sweat glands in the skins of one-half Zebu cattle, and an average of 5.25 glands in the same area of skin of one-fourth Zebu cattle. In the skin of a Holstein-Friesian there were only a few glands and these were difficult to find (Phillips).

Dr. S. H. Work says, in regard to this: "In studies at the Hannah Dairy Institute, Kirkhill, Ayr, in Scotland, as given in their report for three years, ending 31st of March, 1950, it may be of interest to know that in general the structure of Zebu 'sweat' glands is similar to those of Ayrshire cattle, and that some small differences that may prove important are being investigated further. It further states that the number of sweat glands has no relation whatever with milk producing capacity."

Breeding for Adaptation to These Conditions

If then, considering these things, it is not always economical to attempt max-

This Charbray is the result of cross-breeding Brahman and Charolaise.



cattle are, properly, hybrids, rather than crossbreeds, under W. T. Cobb's definition which states that crossbreeding is the process of mating individuals of different breeds of the same species, and hybridizing the result of mating individuals of separate species. However, for the sake of convenience, all crosses of domestic cattle are spoken of herein as crossbreeds, and only in the case of crosses with other Bovidae, such as bison and yaks, is the term hybrid used. This usage

rapid development or greater yield under a given set of conditions than either parent. The second is to inject into a new line some of the better characteristics of both parents in the hope that, through future selection, a new breed will be developed, superior to either of the parents.

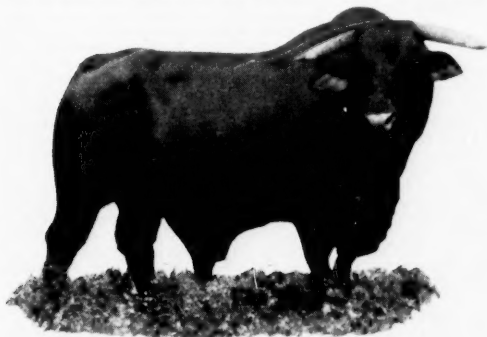
Cattlemen have long been aware, through observation, that a cross of different breeds produces offspring which are apt to be larger, harder, and more vigorous than the parent stock. Generally these crossbreeds mature earlier, and have excellent powers of resistance to unfavorable conditions.

As "the basic principle behind beef enterprise is the desire to produce an animal under range conditions that will yield more high quality beef per acre with less cost, thus returning a bigger net profit to the producer" (H. M. Smith), the cattle industry of the Gulf Coast has been quick to utilize these facts.

Operating under W. T. Cobb's second premise; i.e., the development of a new breed, many crosses have been tried, and much effort has been devoted to the establishment of various crossbred lines, such as the Brangus, Braford, Santa Gertrudis, Charbray, Beefmaster, and others, the breeders hoping to establish new breeds that will breed true and retain the desirable effects of the cross. These efforts and their beginning will now be discussed in some detail, with particular attention to the Texas Gulf Coast.

Charolaise

The Charolaise, a French breed, is becoming a favorite with some breeders, although as yet there are comparatively
(Continued on page 65)



A Santa Gertrudis bull, this breed was developed at the King Ranch— $\frac{1}{8}$ Shorthorn, $\frac{7}{8}$ Brahman.

imum improvement in environmental factors, such as management or nutrition, in order to maintain a herd of cattle under tropical and subtropical conditions, the best thing to do is to develop livestock capable of enduring these conditions (B. H. Schneider) and producing a high rate of return for the time, trouble, and money invested.

This, in a few words, is really the genesis of modern crossbreeding for climatic adaptation which has formed the basis of so many Gulf Coast herds.

Purpose, Extent, and Definition of Crossbreeding

Although some zoologists consider all breeds of domestic cattle as sub-species of *Bos taurus*, calling the European breeds *Bos taurus typicus* and the Indian breeds *Bos taurus indicus*, the terminology used in this paper is that commonly accepted by cattle geneticists and breeders who consider them two distinct species, *Bos taurus* and *Bos indicus*.

If this second concept is correct, then crosses between Brahman and European

here does not argue the merits of either case. It is a semantic one, designed to avoid confusion among those most interested, and to ease the task of the author in collating the literature.

This crossbreeding, then, as defined above, is done for two basic reasons. The first is to get progeny that shows more

Yearling Beefmaster heifers on the Lasater Ranch at Matheson, Colorado. They are a blend of Brahman, Shorthorn and Hereford blood.



The Luling Foundation

A Practical Demonstration Farm Now in
Its 25th Year

By ROGER B. LETZ



Trustees of the Luling Foundation are, seated left to right—T. W. Steiner, Dean E. J. Kyle, vice-chairman; Gen. H. Miller Ainsworth, chairman; and Paul Willman. Standing, left to right—Dean C. N. Shepardson, Tom C. Johnson, Walter W. Cardwell, manager of the farm; C. F. Richards, Jr. and John L. Love, secretary-treasurer. Photograph in background is of the late Edgar B. Davis, donor of the Foundation.

THE Luling Foundation, established to serve as a demonstration to farmers and ranchers of what can be done to increase agricultural production in a practical way, is in its 25th year of successful operation.

The Foundation was established in 1927 at Luling, Texas in Caldwell County by the late oilman Edgar B. Davis. Davis endowed the Foundation to return to the farmers of Caldwell, Gonzales and Guadalupe counties a measure of his appreciation for the divine guidance which he knew had led him to the discovery of the rich Luling oil field.

The Foundation is composed of 1,223 acres of land that was a worn out cotton plantation when it was obtained in 1927. Throughout the years the farm has been improved by sound, practical management practices until today it is an outstanding example of a well-run, money-making place. The Foundation is not a show place, nor was it ever intended to be—although the farm manager has sufficient funds at his disposal from the

Davis endowment to "dress up the place," if he wanted to.

Those who administer the affairs of the Foundation have steered away from unsound and impractical management practices because their purpose is to demonstrate to the farmers of small means how to make a success by using their limited equipment and facilities to the best advantage.

The Foundation is governed by a board of trustees, who in turn hand over the technical operation of the farm to a manager. Members of the board of trustees are H. Miller Ainsworth of Luling, commanding general of the Texas 36th Infantry Division, who serves as chairman; E. J. Kyle of College Station, former dean of agriculture at Texas A&M College and former ambassador to Guatemala, vice-chairman; T. W. Steiner, Gonzales County farmer and rancher; Paul Willman, farmer of Seguin, Texas; C. F. Richards, farmer-rancher of Lockhart, Texas; C. N. Shepardson, dean of agriculture at Texas A&M College and Tom

Johnson, rancher and attorney of San Marcos, Texas.

The first manager of the farm was Jack Shelton who is given credit by the board of trustees as having had a profound influence over all future operations for the work he did during the early development of the Foundation.

The farm has almost six miles of frontage on the San Marcos River. Eighteen types of soil in various stages of depletion and erosion were contained in the farm when it was bought. Many acres had been abandoned and others were being farmed unprofitably. After a survey was made and an over-all plan was formulated, the farm was fenced and terraced, which was the first step in turning the bare and eroded acres into the fields of vegetation that can be seen today.

Following Shelton as manager in 1935 was Walter W. Cardwell, who is the present manager. Cardwell is an outstanding agriculturist, full of energy and has the practical knowledge and know-how to make the farm pay off. He graduated from Texas A&M College in 1913 with a

Left—Luling Foundation manager Walter Cardwell, left, and Alton Watkins, farm superintendent, work together on problems of farm management. Center—M. W. Carlton, left, co-ordinator of the Luling Foundation agriculture school for veterans and Tom Blackwell, beef cattle superintendent, are two of the men who have a lot to do with keeping the Foundation on a practical basis. Right—Dow Puckett of Fort Stockton, Texas, left, who was visiting at the Foundation; Walter Cardwell Foundation manager, center, and Charles L. Badden, district supervisor of veterans education, Stockdale, Texas, examine alfalfa, on the Foundation early in the spring.—The Cattleman Staff Photos.



degree in agriculture. He then started farming near Lockhart until he was called into the armed forces during World War I, where he served as a battalion commander in the 36th Infantry Division. He is also a former county judge of Caldwell County. Cardwell served as a trustee of the Foundation from 1927 until he was named manager, giving him a personal knowledge of problems of the farm since it was purchased.

Cardwell says that the object of the Foundation is to sell beef and milk products. The farm has no cash crops, as such, because all feed raised is marketed through livestock and poultry. The need for diversification, rotation and the use of livestock in an agricultural program in the Luling area has been clearly demonstrated by what has been done at the Foundation. Some of the management practices put into use on the farm were the terracing of all land that had a tendency to allow water to run off before the land is saturated, and the planting of legumes for grazing by livestock as well as for soil building. Cardwell has further developed the terrace system and built up the soil so that practically all the water that falls on the place stays where it falls and soaks into the soil.

The Foundation has a fine herd of Santa Gertrudis cattle which are doing well on pastures that have been improved throughout the years. Cardwell believes that livestock should be kept on the farm to harvest crops. There is no hard and fast rule as to how many beef cattle will be kept on the Foundation. The program is flexible, the number depending on the weather and marketing conditions. The management believes that controlled grazing pays better profits, and it has proven that the proper rotation of grazing crops, giving rest periods, is very beneficial to pasture growths.

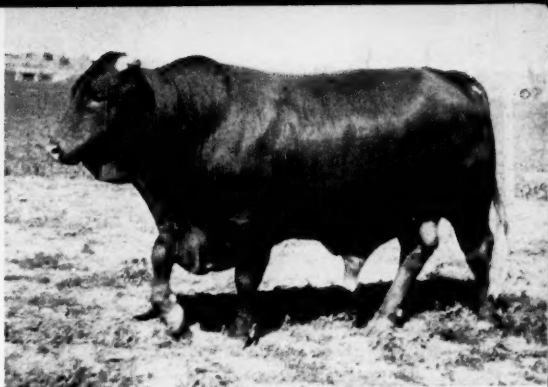
Cardwell has a grazing program worked out for the beef cattle which has produced good results. He plants Hubam clover and small grains in the fall which provide good winter grazing of high protein. These two crops are drilled in the ground together, with three rows of grain and two rows of Hubam. This provides grazing from November until June. Cardwell says that this grain and Hubam combination has proved very satisfactory over a period of years. After the grain is gone the clover takes over. He believes planting the crops in rows is far better than planting them mixed together. For summer grazing Sudan grass and Johnson grass are used in addition to native grasses along the river bottom.

Along with a controlled grazing and cultivated pasture program Cardwell is convinced that the proper use of fertilizer is a necessity. The value of using fertilizer on pastures has been proved many times on the farm. In recent years high analysis fertilizers have been used at the Foundation. According to Cardwell these high analysis fertilizers save labor, because it requires less pounds of fertilizer to give the same effect on the land.

Many grazing and feeding experiments have been made on the Foundation under different conditions to determine how the highest profit could be obtained.

One such experiment was a shipment of 201 Santa Gertrudis yearling steers received from the King Ranch in April of 1951 for the purpose of conducting a joint beef production demonstration. These steers made very good gains during the 331 days they were at the Foundation despite the fact that drouth conditions had reduced the amount of available pasture. When the steers were weighed after

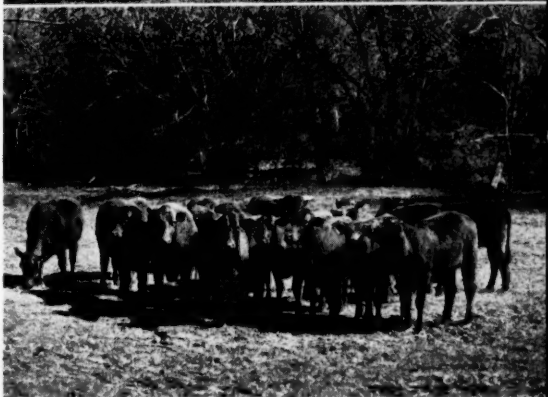
The Santa Gertrudis herd bull used by the Foundation. Cardwell praised this bull as an outstanding individual who has produced excellent offspring.



Cows and calves grazing on Hubam clover and oats.



Santa Gertrudis heifers at the Foundation. These animals will be replacements for the cow herd.



The Santa Gertrudis (¾ Shorthorn ¼ Brahman) steers shown here gained an average of 592 pounds after 331 days on the Foundation. Average daily gain was 1.79 pounds. The steers belong to the King Ranch and were sent to the Foundation for a joint beef production demonstration.



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the 331 days they had been at the Foundation the total gain per steer had been 592 pounds. This was an average daily gain of 1.79 pounds. Cardwell said that in the past it had not been so difficult to maintain grazing, but the drouth during the time of the above experiment had reduced the quantity and quality of forage and greatly increased the amount of supplemental feeding necessary to maintain good gains. The total supplemental feeds and minerals fed to each steer during the testing period totaled a value of \$66.29, while the gross income on the 592 pounds of gain during the testing period was \$154.30. Cardwell claims that this test again proved that supplemental feeding of stocker cattle increases the carrying capacity of improved pastures. Also that very small amounts of supplemental feeds are needed to make good gains on good pasture and heavy feeding is required if good gains are maintained on poor quality pastures.

Another test conducted a few years ago was to determine the efficiency of grass use and the importance of proper water in the production of beef. Two lots of different breeds, one composed of 30 head and the other of 10 head, were weighed and turned into a field of bur clover, Hubam and yellow clover with rescue grass when the experiment started. Average weight for the thirty head lot was 459.66 pounds. The ten head lot averaged 531.5 when the test started. Plenty of dry roughage was kept available to safeguard against bloat. Mineral and salt were offered free choice. The thirty head had an average gain of 55.9 pounds during the first 30 days which was an average daily gain of 1.86. The lot of 10 averaged a 55.8 pound gain during the first 30 days, and also had an average daily gain of 1.86. At the end of 90 days the average gain had risen to 150.1 and 171.1 pounds respectively for the thirty and ten head lots.

The importance of maintaining a source of good water for cattle was demonstrated during this experiment. The thirty steers had been gaining about a pound and a half a day when a rise in the river sent down muddy waters. All they had to drink was this muddy water for about a month, during which time they lost an average of 17 pounds. The change in water proved to be expensive.

In addition to the main farm at Luling, the Foundation has four small farms near Luling and four others in South Texas. It has been the practice of the Foundation to rent these farms to farmers and give them the benefit of the knowledge the Foundation has acquired during its 25 years of operation.

One of these farms north of Luling, which was purchased for the purpose of demonstrating land rehabilitation practices, served as the site for a test made to determine the effect of land treatment on rate of water intake. The farm was covered with needle grass when purchased. During a five-year period before the test was made the land was fertilized and planted to clovers and small grains. During this time it was grazed and gave a good production of beef. In 1951 an infiltration test was made. The farm absorbed almost nine inches of rainfall in three hours and 23 minutes. A farm adjoining the place absorbed about two inches during the same time. This test clearly showed that the rate of water intake was greatly increased due to the use of soil building legumes and good land management.

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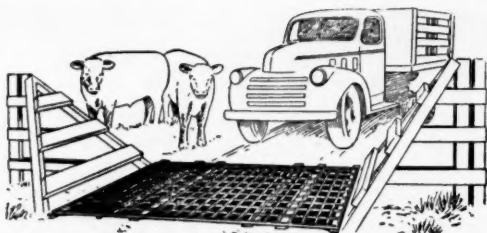
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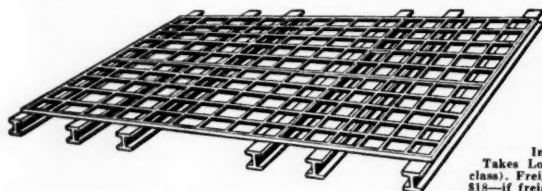
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the Foundation has one of the outstanding dairy herds in the state. It was one of the first in South Texas to start official testing of its Jersey herd, and was also one of the first in the state to receive a classification from the American Jersey Cattle Club.

Another practice which has been very successful on the farm is that of creep feeding. The management of the farm believes that creep feeding on beef calves in this section has a distinct advantage and should be practiced more extensively. Two principal benefits are that it produces a heavier calf and one that is marketable at any time. It also provides a profitable market for surplus grain.

During the past 25 years, the management has kept in mind that the Foundation was established to demonstrate safe and practical methods and to aid in improving home surroundings of farmers in the immediate section. This is being accomplished mainly by having farmers visit the farm, attend the demonstrations and observe what is going on so they can apply the practices on their own farms. An average of 5,000 persons visit the Foundation each year.

Ozona Quarter Horse Show

WITH 62 horses entered in the halter classes and 36 in the cutting horse contest, the Quarter Horse show held at Ozona, Texas, was one of the best ever held.

Jess Koy, Eldorado, showed the champion mare, Ma Koy, first prize winner in the aged class; and also the reserve champion, Red Lady, that stood second in class to the champion.

Penny Pendleton, shown by Dee Harrison, Del Rio, was champion stallion and Clegg Hancock, shown by P. C. Perner, Ozona, was reserve.

Perner also showed the champion gelding, Patches, with the reserve going to H. O. owned by H. Calhoun, Cresson.

Awards by classes follow:

Mares of 1951: 1, Irene 13th, Wardlaw Bros., Del Rio; 2, Patsy, Jess Koy, Eldorado; 3, Coco, Jack Turney, Rocksprings; 4, S-Bit Balm, Dr. D. G. Strole, Abilene; 5, Irene 1st, Wardlaw Bros. Mares of 1950: 1, Gay Widow, Jess L. Hankins, Rocksprings; 2, My Mona Lisa, Hankins; 3, Snow Princess, V. C. Harmon of Menard; 4, Smokey Miss, Wardlaw Bros.; 5, Lady May, Tom Elrod, Rankin.

Aged Mares: 1, Ma Koy, Jess Koy; 2, Red Lady, Koy; 3, Bo-Bo, E. H. Coffield, Del Rio; 4, Duchess Bonny, Jim Calhoun, Cresson; 5, My Dream Girl, Hankins.

Stallions of 1951: 1, Toots Mansfield, Bob Collins, Brownwood; 2, Ray Molino, Ben Robertson, Ozona; 3, Red Bud, Foster & Hidebrand, Sterling City; 4, Cochise, Fortt & Johnson, Junction; 5, Frost Dodger, Forrest Smith, Sterling City.

Stallions of 1950: 1, Balmey L. Too, Dr. Strole; 2, One Jump, Chili Stoner, Uvalde; 3, Juneteenth, Ted Harris, San Angelo; 4, Joe & Ray, Lin Hicks, Ozona; 5, Hooch, Whitehead & Wardlaw, Del Rio.

Aged Stallions: 1, Penny Pendleton, Dee Harrison, Del Rio; 2, Clegg Hancock, P. C. Perner, Ozona; 3, Thompson's Ozon, Joe, Paul M. Hallcomb, Ozona; 4, Ike Rude, Bob Collins; 5, W. Star Light, L. D. Whitehead, Del Rio.

Champion Mare: Ma Koy, Koy; reserve: Red Lady, Koy.

Champion Stallion: Penny Pendleton, Harrison; reserve, Clegg Hancock, Perner.

Champion Gelding: Patches, Perner; reserve: H. O. H. Calhoun of Cresson; 3, Billy Rondo, Rex Smith, Abilene; 4, Tony, Kay Black of Ozona; 5, Atjo, Levoyd Parker, Ozona.

Reining horse contest: 1, Patches, owned and ridden by Perner; 2, Sister P., owned by Spot Friend of Ozona, and ridden by John Rogers Sr.; 3, Ika Rude, owned and ridden by Bob Collins; 4, My Gold Lass, owned and ridden by Mrs. Josephine Clepper of San Angelo.

Cutting horse contest: tie for first between Little Tom W., owned and ridden by Phillip Williams of Tokio, and Hollywood Snapper, owned by Dr. D. G. Strole of Abilene and ridden by Elmo Favor; 3, Royal King, owned and ridden by Earl Albin of Comanche; 4, Copper, owned by George Glascock of Cresson and ridden by Harrell; 5, DuDa, owned by Wilkins Ranch of Wilkins, Nev., and ridden by Buck Williams.



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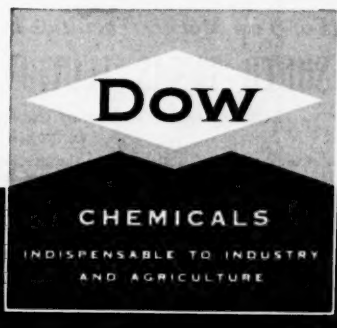
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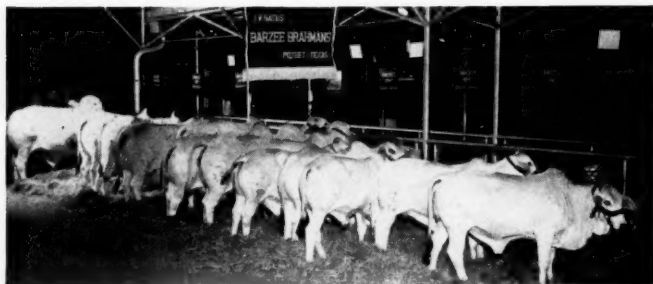
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Official Brahman Classifications For 1952-1953 Show Season

THE American Brahman Breeders Association announces the official classifications for Brahman cattle showing during the 1952-53 show season with admonitions that no exhibitor shall be permitted to win more than two prizes in any one class and that animals shown in group classes must meet age requirements for those shown in classes for single animals.

Following are the official classes:

1. Aged Bull, calved between January 1, 1949 and Dec. 31, 1949.
2. Two-Year-Old Bull, calved between January 1, 1950 and June 30, 1950.
3. Senior Yearling Bull, calved between July 1, 1950 and Dec. 31, 1950.
4. Junior Yearling Bull, calved between Jan. 1, 1951 and April 30, 1951.
5. Summer Yearling Bull, calved between May 1, 1951 and Aug. 31, 1951.
6. Senior Bull Calf, calved between September 1, 1951, and December 31, 1951.
7. Junior Bull Calf, calved between Jan. 1, 1952 and April 30, 1952.
8. Summer Bull Calf, calved between May 1, 1952 and August 31, 1952.
9. Champion Bull, first place winner in Classes 1 through 8.
10. Reserve Champion Bull, second place winner in class that produced Champion eligible to show for reserve.
11. Two Bulls, bred and owned by exhibitor.
12. Aged Cow, calved between January 1, 1949 and December 31, 1949.
13. Two-Year-Old Heifer, calved between Jan. 1, 1950 and June 30, 1950.
14. Senior Yearling Heifer, calved between July 1, 1950 and Dec. 31, 1950.
15. Junior Yearling Heifer, calved between Jan. 1, 1951 and April 30, 1951.
16. Summer Yearling Heifer, calved between May 1, 1951 and Aug. 31, 1951.
17. Senior Heifer Calf, calved between Sept. 1, 1951 and Dec. 31, 1951.
18. Junior Heifer Calf, calved between Jan. 1, 1952 and April 30, 1952.
19. Summer Heifer Calf, calved between May 1, 1952 and August 31, 1952.
20. Champion Female, first place winners in classes 12 through 19.
21. Reserve Champion Female, second place winner in class that produced Champion eligible to show for reserve.
22. Two Females, bred and owned by exhibitor.
23. Pair of Yearlings, Bull from class 3, 4 or 5; Heifer from class 14, 15 or 16.
24. Pair of Calves, Bull from Class 6, 7, or 8; Heifer from Class 17, 18 or 19.
25. Produce of Dam—Two animals of either sex; the produce of one cow.
26. Get of Sire, four animals all by one sire, both sexes to be represented all owned by exhibitor.

This class is included for those shows which will be held late in the season. Possibly no shows held during the fall will want to include summer calves, but those coming in the winter and spring may wish to do so.

Some shows desire to select Junior and Senior Champion Bulls and Females prior to declaring Champions and Reserve Champions. The management of said shows may adjust this classification to meet their requirements.

The selection of Junior and Senior Champions in the "Get of Sire" class is desired by some shows. Such a breakdown is left up to the management of shows desiring to make this division.



J. B. RENEAU, JR. D. V. M.
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June 10, 1952

Dr. J. B. Johnston
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Fort Worth, Texas

Dear Dr. Johnston:

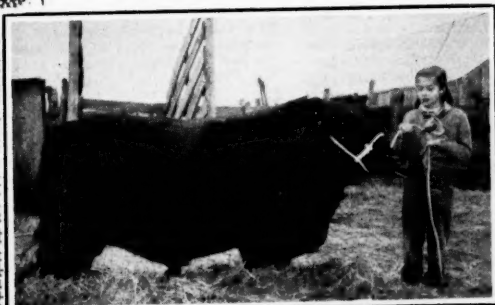
Enclosed is a picture of J Bar A Eileenmere, the grand champion sale bull in the last Texas Aberdeen-Angus Consignment sale held in Fort Worth during the Southwest Exposition and Fat Stock Show, which I am sure you will be interested in as his fitting ration contained Bewley's Cattle Concentrate Chunkets.

I have several calves and herd bull prospects on feed now which are receiving both Calf Starter Chunkets and Cattle Concentrate Chunkets that are really doing fine. Plans are now to contract these bull calves for Fall delivery as they will be well along on their ration, and should develop into nice individuals for the purchaser at a very reasonable price.

Doctor, I sure like your Bewley Chunkets and am thankful that I can obtain a high grade concentrate for my cattle.

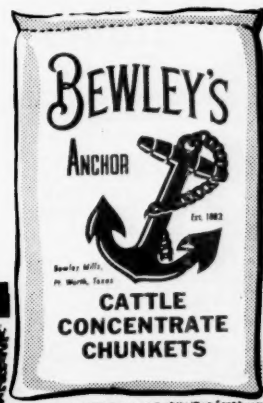
Very Respectfully yours,

Dr. J. B. Reneau, Jr.
Dr. J. B. Reneau, Jr.
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Brief History of Brahman Cattle

By J. W. SARTWELLE

BOS INDICUS, as the cattle of India are known and as differentiated from Bos Taurus, the cattle of Europe, are probably the oldest domesticated cattle in the world. In India the common name is Zebu, and certain white male Zebus, which have been dedicated to the God "Brahma" and thereafter known as "Brahmini Bulls" (the Latin possessive) and these comparatively few animals which had been actually dedicated the God "Brahma," given his brand, were the only actual sacred cattle of India, though the Indians have long venerated cattle, as well they might. From the name "Brahmini" bulls came the word "Brama" as they were popularly called when brought into Texas, the word changing to the correct English of "Brahman" when the registry association was formed.

The first importation of Brahman cattle into the United States was made in 1848 or 1849 by Dr. James B. Davis of Fairfield County, South Carolina, who at that time was the ambassador to Turkey. The Sultan of Turkey gave Davis some cattle which he brought back to the United States. After getting the cattle into the country Davis began a program of crossbreeding with native Carolinian cattle. The Davis importation proved the splendid adaptability of Brahman cattle to United States range conditions and created a great interest in the breed in the southern states. However, as far as we know, all of the offspring of this importation were slaughtered and consumed during the Civil War and accordingly they had no effect on the cattle economy of the South other than the favorable impression of their adaptability.

The next importation was also made before the Civil War and came as a gift from the British government to a Mr. Barrow, a planter, who had extended courtesies and hospitality to an agent of the British government in the study of cotton and cane culture. Mr. Barrow would accept no payment for his hospitality and assistance and as a reward the British government made him a present of several head of cattle which were shipped directly from India. Mr. Barrow did extensive crossbreeding and again the cattle from India made a great reputation by their adaptability to difficult range conditions, their immunity from the heat, humidity and insects of southern Louisiana, and their fame spread far and wide. The uncle for whom I am named had one of these crossbred bulls before the Civil War on his plantation on the outskirts of Baton Rouge about where the University of Louisiana is located. The crossbreeds from the Barrow cattle were the first animals in their neighborhood to get fat and soon found their way to the New Orleans Market where they were received with great favor and known as "slick hairs." There are several well founded rumors of accidental or surreptitious importations of odd head of Indian cattle coming into various southern states, but the Barrow importation was chief and most important in really establishing Indian cattle in the United States.

In 1885 J. M. Frost of Houston and Albert Montgomery of New Orleans im-

Editor's Note—Mr. Sartwelle is president of the Port City Stockyards of Houston, a founder and former president of the American Brahman Breeders Association and an authority on the development and origin of Brahman cattle in Texas and the United States. The following brief discussion concerns the origin of the breed and some of the individuals connected with the first Brahman cattle in this country.

ported two Indian bulls known as "Richard III," who was a reddish bull, and "Khedive" who was a black-pointed grey bull. Mr. Frost bought out his partner's interest in these cattle, keeping them for many years in his pasture, which is now the City of West University Place, and which city is entirely surrounded by the City of Houston.

While some Texas ranchmen had seen the "slick hairs" on the New Orleans market, had admired them and even brought a few into Texas, it was J. M. Frost who propagated these crossbreeds on the outskirts of Houston and sold them in large numbers to such old Texas ranchmen as Uncle Jim McFaddin, Shanghai Pierce, Sam Allen and George Butler, to mention only a few. J. M. Frost also carried on quite an extensive breeding operation of these crossbred Indian cattle which became known in Texas as "Brama." However, Mr. Frost's cattle operations were subsidiary to his more extensive farming operations and eventually he disposed of all of his cattle interest.

Al M. McFaddin, familiarly called "Al" by all who knew and loved him, is, in my opinion, the real hero and father of Brahman cattle in Texas. It was he who first saw the necessity for breeding up a herd of purebred Brahman cattle rather than just producing crossbred bulls in quantity. He sold his father, Uncle Jim, on the idea and took charge of and put his great mind and talent to this constructive job of breeding up the first large herd of high-bred Brahman cows in Texas. Mr. Al not only bought the best individuals he could obtain from Mr. Frost or anyone else who had a good bull, but he arranged with Mr. Frost for the use of each of his imported bulls, i.e., old "Richard III" and "Khedive" on the McFaddin ranch. Later "Mr. Al" bought his famous bull "Prince" from the Hagenback Wallace people, who had him on exhibit at the World's Fair held in St. Louis in 1904. Still later he used several of the bulls imported by Tom O'Connor for a season at a time. Wherever Al McFaddin was, in the lobby of the Waldorf Astoria in New York or on a steamship in the middle of one of the seven seas, or anywhere in Texas, he was boosting Brahman cattle.

George Butler, father of Milby Butler of League City, Texas, obtained one or more bulls about 1879 and the Butler family has continually bred a meritorious herd of Brahman cattle since that time.

Tom O'Connor of Victoria and the Shanghai Pierce Estate of Pierce, Texas, contracted to make a joint importation and sent Abel P. Borden to India to



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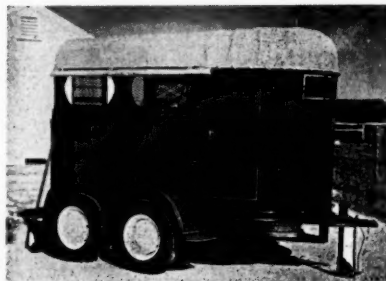
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make the selection and purchase of suitable animals. In 1906 this shipment of 55 head of male and female Indian cattle arrived at the Port of New York. Although the federal government had sent Dr. Thompson to India with Mr. Borden to make necessary health tests of the cattle to be brought into the United States, the Department of Agriculture under the secretaryship of Secretary Wilson re-examined and re-tested the cattle while in quarantine in New York and slaughtered 20 head of these cattle. Abel Borden, in charge of the importation was so amazed that he wired Tom O'Connor at Victoria about what was going on, then retired to his hotel and went to bed, sick in heart and mind. Mr. O'Connor was quite elderly and felt unequal to the rigors of a trip to New York and the ensuing wrangle, and he asked Al McFaddin to go to New York and see what he could do about the matter. Al went to New York and not having much luck with the representatives of the U. S. Bureau of Animal Industry, arranged a conference with President Theodore Roosevelt, who admitted what was left of the shipment on executive order, and finally there arrived in Texas 31 head of bulls and four head of heifers and these were divided 15 head of bulls and two head of heifers to each of the principals, i. e., to Tom O'Connor and the Pierce Estate, Pierce, Texas, with Al McFaddin getting the odd bull for his service and \$1200 in cash. Mr. O'Connor later sold his bulls and the animals crossed from them and after two changes in title these cattle formed the foundation of the Sartwell Brothers herd. The imported females, belonging to Mr. O'Connor had been promised by him to the Pierce Estate if he ever disposed of his Indian cattle, and so the imported cows and their female progeny went to the Pierce Estate.

In the course of time, both Robert Kleberg, Sr., of the King Ranch with his sons Richard and Robert, Jr., and Ed Lassater of Falfurrias as well as many other south Texas ranchmen became interested in doing some intensive work with Brahman cattle, and in West Texas, E. E. Baldrige at Fort Worth and Jim Callan of Menard made purchases of Brahman bulls with Jim Callan developing a very considerable herd of well-bred females.

I had become convinced that Brahman cattle had the merit of permanence and could make a distinct and constructive contribution to the cattle economy of the United States; and that it was necessary that we establish a breed association for the improvement, standardization and record of the breed and accordingly on February 28, 1924, in the Rice Hotel in Houston, the American Brahman Breeders Association was formed, with Al McFaddin as President; Pierce Withers, a grandson of Shanghai Pierce, as Vice-President; Judge J. J. Carroll of Beaumont as treasurer; and myself as secretary. The meeting was recessed to meet again at 2:00 p. m. on March 18, 1924, during the annual convention of the Texas and Southwestern Cattle Raisers Association in Houston when the constitution and by-laws were adopted and the organization completed.

In 1924 Dr. Ferdinand Ruffier acting for a group of Brazilian ranchmen brought 90 head of bulls into the United States through Mexico, and in the following year, 1925, another Brazilian named Morias, representing some gentleman in Brazil, landed on the West Coast of Mexico with approximately the same number

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of bulls and 21 head of heifers and largely trailed these cattle across Mexico and finally brought most of them into Texas at Laredo. The bulls from these importations from Brazil, where many thousands of cattle had been imported from India, were sold to the cattlemen now interested in the Brahman breed, with Dr. W. S. Jacobs getting all of the females that were brought in.

In 1946 Garcia Brothers of McAllen imported another 18 head of Brahman bulls, again from Brazil through Mexico, sold only a very few of them but have used or leased the remainder to various ranchmen.

Accordingly, it is seen that less than 300 head of the breed, Bos Indicus, have been imported into the United States through all the years. In India these cattle have been well and intelligently bred for hundreds and even thousands of years. The entire economy of the country revolved around its cattle industry. Cattle furnished most of the transportation power, did the plowing of the farm land, furnished the power for grinding and furnished the people with all of their dairy products. The hides furnished footwear and the other articles that could be made from leather and they were eaten as food only when they had served these other purposes. Of course, during this long period of time the different strains of Bos Indicus were bred and intelligently so, for these many respective purposes. The Mysore cattle for quick transportation, the Ongole and Guzarat for plowing and motive power, and the Sindi cattle for dairy purposes, to mention only a few of the several strains. Even in South America, the ranchmen there prefer to perpetuate these different strains of Bos-Indicus where they are known popularly as Zebu.

In the United States, however, their sole and only purpose is beef production and we have combined the many good qualities of the several strains of Bos Indicus into the single breed which we call Brahman and it is to the eternal credit of the cattlemen of the United States that the development of a top-notch beef breed has been accomplished. There are now many thousands of individual animals recorded in the registry records of the American Brahman Breeders Association, and registered Brahman cattle are now in 46 of the 48 states. Many ranchmen, however, prefer to use Brahman blood for crossbreeding on the British breeds of cattle, and the King ranch particularly, has fixed the characteristics of a cross of Brahman and Shorthorn cattle into what is now recognized as a new American breed, the Santa Gertrudis. Similarly, other ranchmen have made crosses with the Brahman and Hereford and the Brahman and Angus breeds, which are now called Braford and Brangus cattle.

Certain it is that Brahman cattle have the merit of permanence and are making a constructive contribution to the cattle economy of the United States. While the impact of the Brahman bull in beef production is already very considerable, the future holds tremendous potentialities in this regard for more and better beef tonnage at lower costs.

Enclosed you will find \$4.00 for which please renew The Cattlemen for me and my father, W. E. Clark, Fairfield, Ill., R.R. 1. Please send us the June paper if you can. Let us have more of Dobie and Beverly. Think The Cattlemen is the best paper published. Mary A. Sumner, Fairfield, Ill.

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Burke's Jaceto Mansuco 5th ABBA No. 39106

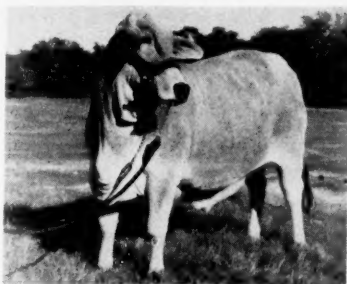
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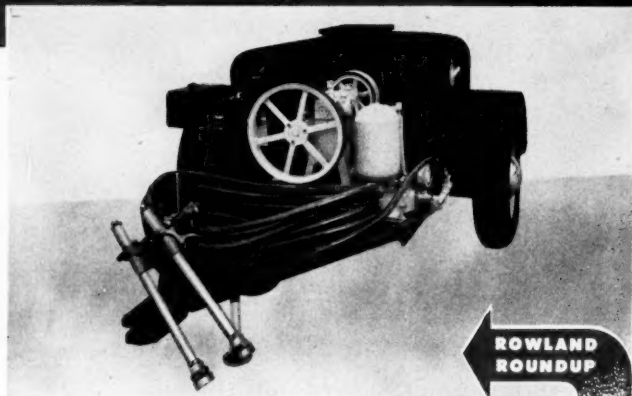
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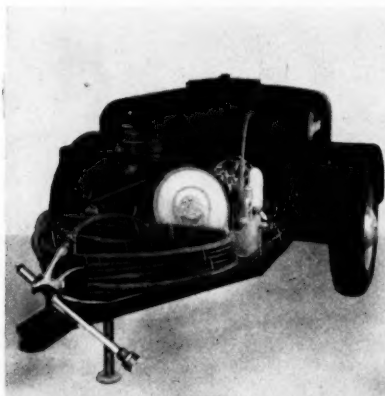
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Re-elect All Officers of Houston Fat Stock Show

RALPH A. JOHNSTON, the president, and all other officers of the Houston Fat Stock Show Association were re-elected at a meeting of the board of directors at the Houston Chamber of Commerce May 29. J. S. Abercrombie was named chairman of the board to succeed the late W. Albert Lee.

Lee, who was long a member of the association, was memorialized at a general membership meeting earlier in the day. An oil portrait of Lee, painted by Seymour Stone, was presented to the association by J. W. Sartwell, a founder and past president, on behalf of the W. A. Lee Portrait Committee. Mrs. Holly Lee was present and expressed her appreciation for the warm friendship of those who made the portrait of her husband possible. Dr. Robert Lee, a brother of the late Mr. Lee, was also present. The portrait will hang in the Hall of Fame of a new building to be constructed by the association.

The other officers re-elected include:

Vice presidents, Dave Cunningham, Charles G. Heyne, Archer Romero, William A. Smith, William D. Sutherland, Leslie O. Tarrant; secretary, James D. Sartwell, and treasurer, Clarence M. Malone.

Leopold L. Meyer, chairman of the building and grounds committee, reported to the board that new plans are being considered for the association's building, which is to be constructed on a 165-acre site on South Main Street beyond Playland Park. He expects to submit the plans within a few months, he said.

It was reported at the general meeting that the association now has a membership of approximately 800, whereas in previous years it has averaged 80.

Johnston submitted a financial report which showed the net profit from the 1952 Houston Fat Stock Show and Live-stock Exposition to be \$83,369.38.

Honorary life memberships were voted for T. K. Dixon, Mayor Oscar Holcombe, A. P. George, Howard West, Mose Feld, James A. Elkins, Sr., and Tobias Sakowitz.

The following were elected to three-year terms on the board of directors:

J. S. Abercrombie, John Anderson, W. R. Archer, Sam Becker, E. A. Blackburn, Ernest Coker, N. A. Crawford and J. Brown Cutbirth. Also, James A. Elkins Jr., Vernon Frederick, R. W. Henderson, Mr. Heyne, R. C. Kuldell, Dr. Robert E. Lee, Neill T. Masterson Jr., L. L. Meyer, Dr. Herbert Poyner, Leslie O. Tarrant, W. E. Thomason, F. F. Wood, Joe Weingarten, Reese Lockett, John Mecom, W. M. Wheelless, Floyd Karsten, Louis Higginbotham, Bob Smith, Claud Hamill, George Hinkle, Al Parker, L. R. Van Sant, W. W. West, and Charlie Willhoite.

The following men were named to two-year terms to fill vacancies on the board:

E. J. Gracey, A. S. Crutcher, Joe Wadsworth, W. F. (Bill) Monroe and L. O. Sturdevant.

Carl Sherman was elected to fill a vacancy among those board members who have one year to serve.

Please send The Cattleman magazine to my father, W. E. Meador, for a year. He is now 86 years old and says he enjoys The Cattleman more than any magazine. Mrs. Chas. Probasco, Floydada, Texas.

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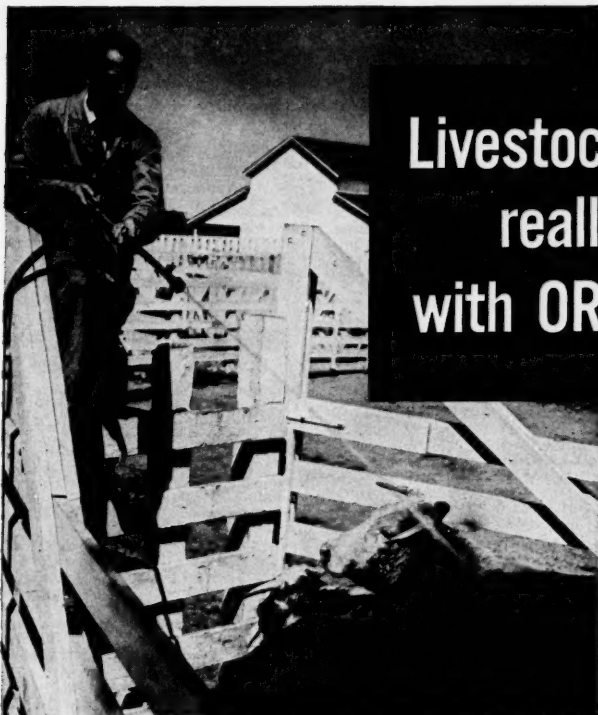
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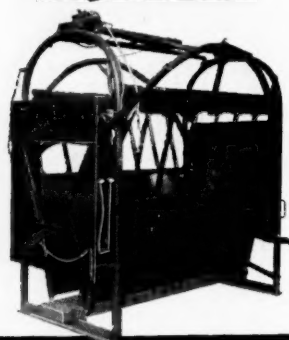
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Registering and Transferring Brahman

Proper Methods for Breeders to Use When Registering and Transferring Animals in the American Brahman Breeders Association. Prepared by Harry P. Gayden, Executive Secretary of the ABBA.

IN THE July, 1950, issue The Cattleman featured an article on registering and transferring Brahman in the American Brahman Breeders Association. However, since that time there have been changes made in registering and transferring procedures and the following material covers the rules and regulations effective as of April 1, 1952.

REGISTRATION

Eligibility

To be eligible for entry in the American Brahman Herd Register, an animal must be the offspring of a Brahman bull and a Brahman cow, both of which have been previously registered or recorded in the ABBA. Animals that are brindled in color are not eligible for registration. Calves produced by artificial insemination are eligible for registration if the proper procedure is followed and appropriate forms submitted. (Rules and forms supplied by the Association on request.)

Required Information

Sex.

Name of Calf.

Date of Birth.

Private Herd Number, Holding Brand (both branded by hot iron) and location of each.

Color Description.

Name and Number of Sire.

Name and Number of Dam.

Name of Owner of Sire.

Name of Breeder.

Name of First Owner.

Application Forms

Application for registration must be made on regular blanks which are supplied by the Association in books or pads at no cost.

Breeding Certificate or Bull Permit

If the person who applied for registration of a calf was not the owner of its sire at the time that the dam was bred to produce said calf, he must secure certification from owner that his bull served the dam. Name and number of the bull and date of service, or if pasture bred, period of exposure, must be given. A space is provided on the applications for registration and applications for transfer for signature of owner of service bull.

Agreement for Lease or Loan of Bull

If the sire is on lease or loan to the person making application for registration, and if a properly executed "Certificate of Lease or Loan" of subject bull has been filed with the ABBA office, then the signature of the owner of the bull is not required on the application. (Lease forms available upon request.)

Who Is Considered the Breeder of an Animal

The breeder of an animal is the owner of the dam at the time she was bred to produce the calf for which application is made. (Space is provided on application form for signature of breeder or owner of dam at time of service.)

To Determine Ownership of Calf

The owner of a calf is the owner of the dam on date calf was dropped. The re-

quired holding brand is usually that of the first owner.

Applicant for Registry

The applicant for registry must either have owned both sire and dam on date dam was bred or must have supporting signatures in spaces provided, as mentioned above.

Owner of Calf at Birth Must Apply for Registration

Registration of calves sold at side of dam or otherwise, while very young, must be applied for by the owner of the dam at time calf was born. Buyers are not permitted to register calves in their names born before date of purchase, regardless of whose holding brand is applied to subject animal. In cases where very young calves are sold before being branded, the first owner of the calf should apply for registration, giving tattoo number and all other required information, except brands, together with an application for transfer to new owner. (It should be clearly stated on the application for registration that the calf has not yet been branded.) These applications must be kept by the new owner until the calf is properly branded with both a holding brand and number, then forwarded to the Association for registration and transfer.

Branding Required

A holding brand and private herd number (branded by fire) are required on a calf before it may be registered. The holding brand of the first owner is the one usually placed on an animal to fulfill this registration requirement. However, where a very young calf is sold before being branded, and registered, it must have an identifying number tattooed in its ear, but before being registered, the holding brand of the first owner or the holding brand of the present owner as well as the private herd number, must be branded on the subject animal to meet this identification requirement.

Location of Brands Important

The exact location of brands on animals is often not clearly stated on the application for registration. The descriptive term used in giving the location of brands is also occasionally confusing. Breeders should be aware as to the most common areas to which brands are applied.

21-Day Rule Between Breeding Dates

Cows bred or pasture exposed to one bull must not be turned in a pasture with another bull in less than 21 days. In cases where this rule is not strictly followed, calves may be declared ineligible for registration, if dates of birth involve a question as to the sire.

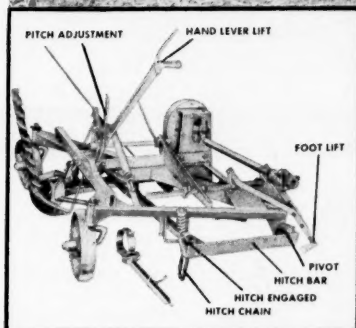
Twins

A heifer calf born twin with a bull is called a "free-martin" and the chances are only 1 in 10 that she will prove fertile. As a result of this condition, few heifers born twins with bulls are registered. The breeding ability of the bull calf in such cases is not affected. Twins of the same sex (both bulls or heifers)



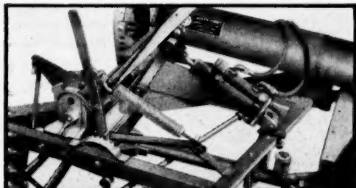
FARMER-OWNERS REPORT THAT—

IT'S EASY TO CUT 35 ACRES A DAY with this UNI-MOWER



MM BAR-GUARDS CUT COSTS

Three available types of cutter-bar guards—"Pea vine lifter" (a), "Stub" (b), and "Reck" type (c)—make one cutter-bar do the work of several by interchangeable guards.



EASY TO OPERATE FROM ANY TRACTOR SEAT

Available Uni-Matic Power linkage provides single-lever, automatic hydraulic control of cutting height right from tractor seat. Regular manual controls also easily reached from seat.

MM ADVANTAGES PROVIDE FASTER, BETTER MOWING

When hay is at its peak and ready to be cut, it's the farmer with real production tools that harvests top quality crops . . . and does it *faster* and *better* than ever before. With the pull-behind MM Uni-Mower it's easy to cut up to 35 acres a day with a 7-foot cutter bar. That means *real* production when the crop is ready and weather is right. It means top quality hay for meat, milk or market . . . fewer hours in the hay field . . . *lower* costs and *bigger* profits!

UNI-MOWER FEATURES LIKE THESE PAY OFF WITH PROFITS

GREATER FLEXIBILITY: Mower mounted at the rear of the tractor eliminates side draft. Caster wheels follow contour of the ground to get all the crop. Unbeatable along fences and in corners.

RIGID CONSTRUCTION: Heavy-duty "push-pull" bar keeps the sickle in line, assures user of a rigid cutter bar. Roller bearings on all major shafts and drives.

GREATER SAFETY: Power take-off and V-belt pulleys are shielded to provide greatest possible safety. Pull-behind mower allows operator to see and avoid most field obstacles. Safety spring release

further protects mower, allows mower to swing to rear if sickle bar strikes an obstacle. Driver just backs tractor to re-engage.

FITS ALL TRACTORS: For quick, easy attachment to all modern farm tractors, the Uni-Mower includes attaching hitch bar as standard equipment. Available with cutter bars of 5-, 6-, and 7-foot lengths.

SIMPLIFIED POWER: V-belt pulley driven by power take-off shaft gives smooth, even cutting action . . . pulley is part of the Pitman wheel. Result: smoother, quieter power transmission, no gears to adjust, fewer parts to wear or break. Again, MM know-how pays profit dividends with the advanced Uni-Mower.

Quality Control IN MM FACTORIES ASSURES DEPENDABLE PERFORMANCE IN THE FIELD

MINNEAPOLIS-MOLINE

MINNEAPOLIS 1, MINNESOTA

are equal in reproductive ability to calves of single births. When applying for registration of twins or one member of twins, the word "twin" must be written following the animal's name on the application, and the sex of the other twin must be given. Unless this is done, no subsequent application for registration of the other twin will be accepted. Even if one twin dies, or is not to be registered, the above information should be supplied for Association records. If both twins are to be registered, a separate application must be submitted for each.

Names

The name of the animal being registered should not exceed twenty-four (24) letters. The numeral portions of names (such as 44th, etc.) must be included in this limit of 24 letters. Masculine names should be given to bulls; feminine names to females. Short appropriate names are best. Avoid difficult, freak names. Symbols other than standard letters or numbers are not acceptable as part of names.

Changing Names

The names of registered Brahman males or females may be changed prior to the registration of progeny only after signed statements from both the first and present owners authorizing such a change are submitted to the secretary, and the fee for such a change will be \$20.00. The names of animals who have registered progeny are not eligible for change.

Registration Certificate

If the application for registration fulfills all requirements and is found to be in agreement with Association records, a certificate of registration is issued. The certificate of registration should be kept

in a safe place by the recorded owner. If an animal is sold, the certificate should be sent with the application for transfer to the Association office for official entry of transfer record and then sent to the new owner. When an animal dies, is sold for slaughter, or is sold with the specific understanding that registration certificate does not go with the animal, the certificate should be so marked and sent to the secretary's office for cancellation. When writing about an animal or certificate, always give registration (ABBA) number and name. Never deface a certificate by writing on it unless you are submitting for cancellation.

Correcting Certificates

When new certificates are received from the Association, they should be immediately checked to determine if correct. If an error is discovered or change on a certificate found necessary, it should be returned to the Association office for correction. No alterations of any kind should be made on a certificate except in the secretary's office, because it will not then conform to the copy kept on file by the Association. Errors made by the office will be corrected free of charge, but if by the breeder or owner, a charge of \$2.00 is made for correction. Any writing or alteration on a certificate, not made in the Association office, will void it and necessitate the issue of a duplicate at a cost to the holder of the regulation fee.

Duplicate Certificates

A duplicate certificate of registration can be obtained only upon sworn statement to the secretary from the then recognized owner of the animal, that such certificate has been lost or destroyed, and upon payment of a fee of \$2.00. Special

forms for securing duplicate certificates are required, and will be supplied by the secretary upon request. Duplicates always supersede the original. Thus, if an original certificate is found after a duplicate has been issued, send the original to the Association for cancellation.

TRANSFERS

Transfer of Ownership

Every change in ownership must be promptly recorded with the American Brahman Breeders Association, in order that progeny of the animal may be registered and subsequent changes in ownership recorded. Open transfers are condemned and considered a poor practice. The Association looks to the seller to promptly complete transfers in every detail, pay the fee, and send to the office immediately after sale transaction is completed.

Application and Transfer

All applications must be made on forms supplied by the Association office. Blank forms are supplied free on request. The registration certificate must be sent with transfer application to the Association office. The following required information should be given clearly and accurately on the transfer:

Sex, private herd number (P. H. No.), name and ABBA number of animal sold. Name and address of purchaser.

When delivered. (The sale date is not so important as date on which the animal actually leaves seller's ranch and is delivered to that of the new owner.)

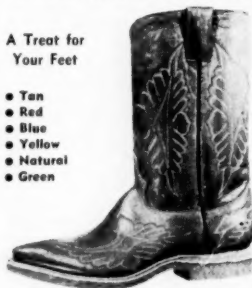
If a female, indicate if bred or open. If bred, give name and ABBA number of bull and breeding date, or if pasture-bred, state period of exposure.

Signature and address of seller.

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A Treat for
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- Tan
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- Yellow
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Same Boot for Children
Exactly as Shown

Kids' Sizes,
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Send me the following Boots:

Border Roper, Size _____	Width _____	Color _____	\$38.00
Kids Roper, Size _____	Width _____	Color _____	\$15.00
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Enclosed payment in full, ship prepaid.

Enclosed \$10.00 deposit, per pair, ship C. O. D. for balance.

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are gaining a unique position in America's livestock industry. Being of the only cattle breed registry in the nation imposing controlled and uniform selection through offspring appraisal, Indu Brazil Zebus have already blazed a name of distinction within the ranks of the Brahman Cattle Industry in America.

North American cattlemen are rapidly turning to the Indu Brazil for maximum beef yields through the use of Zebu blood. Carefully screened from the purebred Brahman herds of America, against Zebu standards that assure the optimum in efficient beef production, Indu Brazil cattle offer America's Cattle Industry a medium of greater abundance.

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FULLBLOOD (100%) BRAHMAN BULLS A FEW AVAILABLE FOR SALE



Three years old, direct descendants of Pierce Estate Famous Brahman importation of 1906 from India — range raised — range conditioned — gentle and most are halter broke.

GRAYS AND REDS

The Pierce Estate has zealously bred and developed these 100% fullblood Brahman cattle for more than 40 years. During all these years the blood has been kept absolutely pure. Until this year all bulls were used either as herd sires or placed in service in our large commercial herd. However, the herd has now increased to such numbers that a few of the bulls are being offered for sale. No females are offered at this time. These bulls are top individuals. They are available for your inspection at Pierce Ranch Headquarters, Pierce, Texas.

Thanks and Congratulations:

Sam T. Cutbirth (left), General Manager of Pierce Ranch, congratulates C. E. Yoakam, owner of Cherokee Ranch, San Saba, Texas, who recently had the distinction of being the first man ever to buy any of this Pierce Estate imported blood for breeding purposes. Our sincere thanks and best wishes go with these splendid bulls to the fine herd at Cherokee Ranch.



We breed the BLUE BLOODS of the Brahman World

PIERCE RANCH

PIERCE (Wharton County), TEXAS

Sam T. Cutbirth, General Manager

Come to: Office at Pierce Ranch Headquarters—Or Telephone: 788 Through Wharton

To whom registration certificate is to be sent after transfer is properly recorded in Association office.

Transfer of Cow With Calf at Side

If transfer is of a cow with calf at side, the calf must be registered by the owner of the dam when calf was born, and a separate transfer submitted for the calf. If, however, the calf is too young to be branded, and consequently cannot be immediately registered, then it must be tattooed for identification and the first owner must supply the purchaser with an application for registration and an application for transfer. The application for transfer of the dam should be submitted to the Association immediately by the seller, but that of the unbranded calf must be retained by the purchaser until calf is properly branded with both a holding brand and a private herd number. When the calf has been branded, then the present owner should submit to the Association secretary applications for registration and transfer. (Do not send applications to the Association office until calf is branded.)

Association Only Authorized to Insert Data on Certificate

When all requirements for transfer are fulfilled, the Association office will record the transfer on the back of the certificate of registration, showing date of delivery and name and address of purchaser. The certificate of registration with properly recorded transfer date, will then be returned to the seller or purchaser as directed.

Disagreements Between Seller and Buyer

The Association will not assume the responsibility of settling disputes be-

tween seller and buyer concerning financial settlements, ownership, health and fertility or any other matters which do not involve misrepresentation, deception or fraud in relation to the registry of animals in the herd book, or of any infraction of charter, constitution, or by-laws of the Association.

Neglect or Refusal of Seller

In case of neglect or refusal of the seller to give a certificate of transfer, the record of transfer may be made by the secretary upon written approval of the majority of the board of directors on evidence of sale and delivery.

More Than One Bull With Herd of Registered Cows Prohibited

The by-laws of the American Brahman Breeders Association specifically prohibit any member of said Association or owner of registered Brahman cattle from permitting two or more bulls to run at the same time with registered Brahman cows whose offspring the member or breeder intends to, or attempts to, register. The penalty for such practice is that all of the calves born to registered cattle owned by said member or breeder for the calendar year shall be ineligible for registration. It is also provided that members found guilty of such practice may be expelled from membership in the Association. Any Brahman bull which has passed the usual maximum weaning age should be considered capable of siring calves and therefore not permitted to run with registered cows. (It is not recommended, however, that a Brahman bull be used for breeding until about two years of age and then only for light service the first year.)

Holding Brand

A holding brand is a symbol, letter, combination of letters and/or symbols, numerals, replica of some object, etc., which is burned with a hot iron into the hide of an animal. The purpose of such a brand is to denote ownership or breeder. In the case of commercial cattle a brand is usually applied to denote ownership; however, in the case of registered Brahman cattle, it is a requirement for registration and is a means of identification.

Facsimile of Brand on Application for Registration

In applying for registration of an eligible animal an accurate drawing of the holding brand should be shown on the application for registration. Since the holding brand is a means of identification, it will appear on the certificate of registration issued by the Association. It is impossible for office personnel to remember the exact form of the several thousand brands to be dealt with, therefore, holding brands are drawn or stamped on certificates of registration issued by Association office just as they appear on applications for registration submitted by applicant.

Rubber Stamp Replicas of Brands Recommended

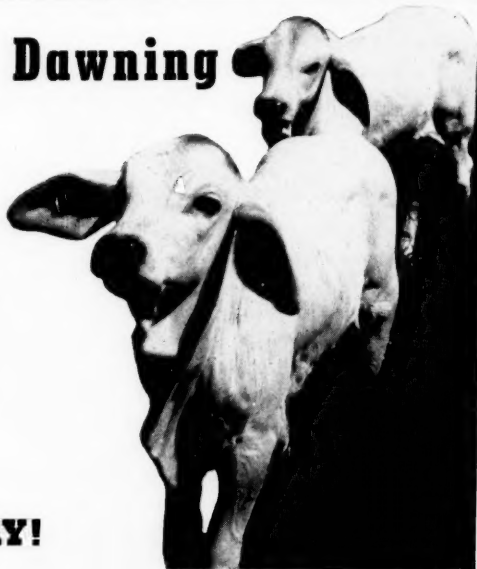
For those wishing to simplify and insure accuracy concerning their holding brands on certificates of registration, rubber stamp copies of brands may be made at small expense. It is suggested that the breeder keep one stamp for use in illustrating his brand on the application for registration and supply the Association office with one to use in applying

There's a New Day Dawning

Each new sunrise holds greater promise for the American Brahman... the breed with the potential, the stamina and the adaptability to forge new frontiers in the world of beef.

The horizon is unlimited for livestock producers and beef builders who awaken to the merits of Brahman blood.

Steel resistance and a more significant use of feed characterize those animals carrying the blood of the American Brahman.



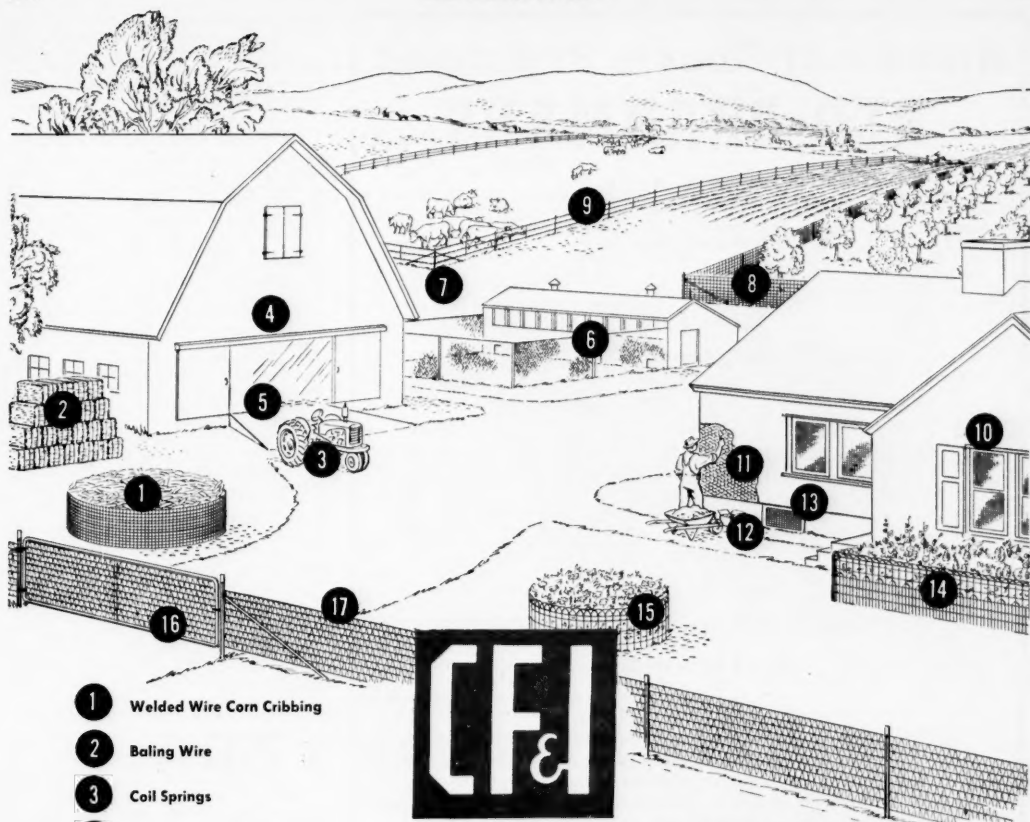
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AMERICAN BRAHMAN BREEDERS ASSOCIATION

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Houston 2, Texas



- 1 Welded Wire Corn Cribbing
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- 3 Coil Springs
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- 6 Poultry Fence and Netting
- 7 Barbed Wire and Stays
- 8 Woven Field Fence
- 9 Fence Posts
- 10 Insect Wire Screening
- 11 Stucco Netting
- 12 Nails
- 13 Hardware Cloth
- 14 Ornamental Fence
- 15 Flower Bed Border
- 16 Gates and Accessories
- 17 V-Mesh Fence



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From the Mississippi to the Pacific Coast, a growing family of CF&I steel products serves the ranch. Made in the West, CF&I products are designed and manufactured for the ranches of this area.

For more than a half century, the CF&I brand on any steel product has been your guide to quality and value. And today you'll find it on more ranches than ever before. Look for the name CF&I whenever you buy these steel products for your ranch.

THE COLORADO FUEL AND IRON CORPORATION, DENVER
THE CALIFORNIA WIRE CLOTH CORPORATION, OAKLAND

1164

THE COLORADO FUEL AND IRON CORPORATION

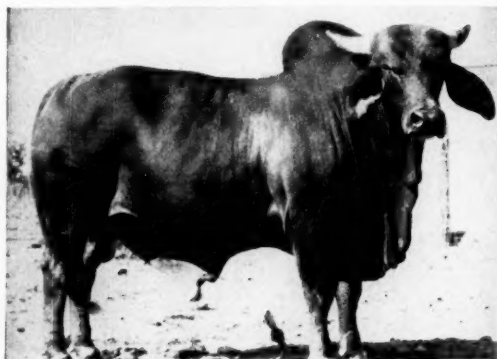


Breeder of Double Registered RED BRAHMAN

ABBA ★ PAZA

King of Kings

King of Kings



King of Kings

RIO RED KING 144

FOR SALE

Bull Calves by These Sons of Imported Bulls:

- BRAZILIAN GOLD By Arauto (Imp.)
- RUFUS By Aimore (Imp.)
- RIO KING 133 By Rio Negro (Imp.)
- RIO RED KING 144 By Rio Negro (Imp.)

The recent purchase of (two white and three red bulls) all full-blooded bulls from Pierce Ranch, Wharton County, Texas, clears the way to make an offer at this time the sale of a number of bulls coming four years old, directly out of Rio Negro, Gaucho and Precioso.

CHEROKEE RANCH

Cherokee (San Saba County) Texas

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Office: SAN SABA, TEXAS
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Registered **BURDIZZO** Trade Mark
BLOODLESS CASTRATOR

No danger of infection.

Minimize your losses at marking time. BURDIZZO marked stock thrive better. Rapid, sure, humane.



The O. M. Franklin Serum Co., Denver
Sole Makers, LA "BURDIZZO" CO.
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BARBED WIRE

At Economical Prices

FOR SALE TO CONSUMERS ONLY



Write or Telegraph

Hemisphere International Corporation

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New Orleans 12, La.

facsimile of brand to certificate of registration. The Association office is willing to have rubber stamp copies of brands made at actual cost which will run \$1 to \$3 each depending on how simple or complicated the brand is in each case.

Private Herd Number (P. H. No.)

The private herd number (also known simply as herd number) is a number or combination of numbers which the breeder assigns to each animal in his herd for purposes of registration. Like the holding brand this number must be branded with a hot iron upon the hide of every registered animal. The private herd number in the case of the Brahman serves the same purpose for individual identification as numbers tattooed in the ears of several other breeds. Many Brahman breeders assign a herd number to a calf soon after birth and tattoo this number in one or both ears at a very young age. The calves are then branded with both the holding brand and herd number at or near weaning time in order that they may be registered. No two animals of the same sex are permitted to have the same herd number and holding brand. It is suggested that a new breeder begin his private herd numbers with the number 1, preceding upward in regular order to 999. Some breeders prefer to number (brand) all calves, regardless of sex, consecutively, not having any two animals, even though of different sexes, numbered alike. Others prefer to number bull calves consecutively and heifer calves consecutively, having the same numbers on different animals of different sexes. Both systems are acceptable, but it is recommended that once a plan is started, it should be followed consistently.

Registration Number Important

When referring to or requesting information on a registered animal, always give registration number. (ABBA No. in red on certificate of registration.) Every breeder or owner of registered cattle should keep permanent herd records, identifying all animals bred or owned by him, by name, registration number, holding brand and private herd number (brand). The Association office cannot identify an animal from the private herd number alone. If the registration number (ABBA No.) cannot be supplied, then give all descriptive information available. When necessary, the Association office may assist in identifying an animal if the following information is supplied:

Holding brand — Illustrate accurately and give location on animal.

Private herd number and its location on animal.

Sex, color, age, etc. The breeder and/or owner should also be given, as the Association office cannot always match holding brands with owners. Holding brands are not indexed and can be located only through the owner's names.

Brahman Colors

A statement of color is required on every certificate of registration issued by the Association. This color description must be supplied by the person applying for registration of the subject animal. Therefore, every owner of registered Brahman should familiarize himself with appropriate descriptive terms of the most common coat colors. Gray, one of the common colors of the breed, is often inadequately and improperly described on application for registration. A variety of terms, such as steel gray, silver gray, blue, etc., are in common usage by different breeders and in different

The Cattleman—Subscription rates: One year, \$2; three years, \$5; five years, \$8; foreign, one year, \$4.

parts of the country, to describe the same color. In an effort to standardize color terms, the following are suggested, which should take care of the majority of cases encountered:

Gray	{ Light Medium Dark	Red	{ Light Medium Dark
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Other less frequently occurring colors are: Gray or red with white spots. Gray with an occasional red or brown spot on body. Brown—a blending or mixture of red and/or yellow with black. Black with white spots. White—this color is nearly always in association with a flesh-colored nose and light-colored switch. Gruella—a smutty or blackish red, sometimes approximating a tawny, slate color on the one extreme or a liver color on the other. The nose and switch of gruelia colored animals are almost never black, but usually slate or deep reddish brown. Brindle—a color pattern characterized by dark streaks on a gray or tawny background. This color is not acceptable and disqualifies an animal for registration. It is important that predominant coat color be given as accurately as possible and care should be exercised to include any unusual markings, such as white spot on forehead, brown spot on side, or any other distinguishing color markings.

Registration Fees

The fee for registering an animal under 12 months is \$4 for active members of the ABBA and \$8 for non-members and associate members. Registration fees for animals 12 to 24 months of age are \$8 for members and \$16 for non-members. Animals from 24 months to 48 months of age may be registered for \$16 for members and \$32 for non-mem-

bers. An animal more than four years of age may be registered for \$100 to both members and non-members. Transfer fees are \$1.50 and \$3.00 to all breeders, the amount depending on time expired between applications and date of sale.

International Prize List Exceeds \$100,000

PREMIUMS which will total over \$100,000 were approved for the 1952 International Live Stock Exposition and Horse Show by directors of the show at a recent meeting in Chicago. The dates of the 53rd annual exposition are November 29 to December 6. The exposition will be held in the International Amphitheater and in a large area of the adjacent Chicago Union Stock Yards.

Prize lists, totaling \$10,000 will be offered each of three beef breeds—in the Aberdeen-Angus, Hereford, and Short-horn purebred divisions—and a \$3,500 cash prize list was established for purebred Polled Shorthorns.

Additional awards totaling many thousands of dollars are provided for the individual steer classes of the show and the carlot fat cattle division, leading competition of its kind in the country. A prize list was also set up for the short-fed carlot cattle classes, introduced at last year's exposition after a lapse of many years. Entries here are limited to a 120-day grain feeding period.

The management reports that the most stringent possible entry requirements are being drawn up for all departments, including the Junior Livestock Feeding Contest cattle classes in which 4-H and F.F.A. members exhibit steers of their own feeding and care as Club projects.

A committee has been appointed consisting of three members of the International Board to assure, by every means possible, fair competition, the upholding of integrity, and the highest standards of sportsmanship on the part of exhibitors in the Junior contests as well as in all other departments of the exposition.

Archie Mucks of Madison, Wis., who is secretary of the Wisconsin Live Stock Breeders' Association, which sponsors many Club livestock shows each year in that state, was named chairman of the committee; and the other two members are H. H. Kildee, of the Iowa State College, Ames; and Thomas E. Wilson, Chicago, chairman of the board of the Wilson Packing Company and also chairman of the National Committee on Boys and Girls Club Work.

Cash prizes in the horse, sheep and swine divisions of the exposition will be approximately the same as last year, officials of the show state.

An increase in the size of the Quarter Horse show was approved this year. Limited to 50 horses of this breed at the last two Internationals, arrangements were made whereby an entry of 75 head of this increasingly popular type of utility ranch and farm saddle horse can be accommodated.

The premium list and entry forms for the 1952 Exposition will be available in August, it is announced. Entries for most of the livestock classes will again close on November 1.

A separate prize schedule is being issued for the 30th International Grain and Hay Show, held annually in conjunction with the Exposition. Entries for the crops competition will close November 10.

DON'T COME TO SEE ME

Unless . . .



YOU ARE LOOKING for real Big Boned, Straight Backed, Beef Type Guzerat Brahman Cattle—the kind that will help the top registered breeders as well as the breeders with the average small herd.

COMMERCIAL COWMEN WHO ARE LOOKING for

bulls that will give large size, big boned, heavy weighing calves will find the answer in one of our bulls. This has been proven year after year in my own commercial herds. Our own market calves have averaged 450 pounds to 550 pounds at 8 months old for the past several years.

**I HAVE SOME OUTSTANDING YOUNG HERD SIRE PROSPECTS FOR SALE NOW
COME AND SEE THEM**

HENRY C. KOONTZ

**INEZ (Victoria County) TEXAS
CLARENCE (SNAKE) TAYLOR, Herdsman**

STEPS TO PRODUCE SANTA GERTRUDIS BLOOD PERCENTAGE

RED BRAHMAN BULL	Mated to	SHORTHORN FEMALE	Produces =	HALF BREED
HALF BREED FEMALE	Mated to	$\frac{3}{4}$ BULL OF SHORTHORN $\frac{1}{4}$ BRAHMAN	Produces =	SANTA GERTRUDIS BLOOD PERCENTAGE <small>(% Shorthorn, % Brahman)</small>

Top Registered Red Brahman Bulls
for Sale

Dr. T. M. NEAL WHARTON, TEXAS



Two top imported sires appear in the pedigree
of the heifers pictured above

Registered
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COTULLA, TEXAS

ABBA Committee Inspects Brahmans in Mexico

A THREE-MAN committee and the executive secretary of the American Brahman Breeders Association spent the week of May 14-20 inspecting Brahman cattle in Mexico.

The group consisted of Gail Whitcomb, Houston, Texas; O. J. Flowers, Menard, Texas; Given Parr, Alice, Texas, and Harry Gayden of the ABBA office in Houston.

Their first ranch visit was with the Gonzales brothers, who run Brahman near Monterrey. Gayden said that they saw several outstanding bulls on the ranch, including two from the 1946 Brazilian importation.

In spite of a three-year drouth in that area, the Gonzales Brahman appeared to be in good condition.

From Monterrey the appraisal committee traveled to Valles to make inspection of the Brahman cattle on the nearby Niven and Blagg ranches.

Last year the ABBA appraisal committee recorded about 75 head of cattle owned by Malcolm Niven, whose ranch is located at Micos, about forty minutes by train out of Valles. This year they inspected about 125 head.

At the ranch of Mr. and Mrs. W. R. Blagg at Ciudad Del Maiz they inspected about 250 head.

On their return the appraisal committee reported that they found a growing demand for good American type Brahman of top beef-producing qualities.

Encouraging Results With Brahman Crossbreeding Tests

A FIELD day was held May 27 at Bluebonnet Experimental Station, McGregor, Texas, where tests have been and are being conducted with Brahman crossbreds.

Harry P. Gayden, executive secretary of the American Brahman Breeders Association, was in attendance and reported that results obtained at Bluebonnet are very encouraging. American Brahman are making a good account of themselves and our association wants to encourage ABBA breeders to cooperate with the station in every possible way in the future, he said.

Highly important and significant results are expected to be obtained from complete slaughter tests which will be made by Texas A. & M. College on the Bluebonnet crossbreds.

This is the second year that Bluebonnet experimental crossbreds have been turned over for slaughter tests to A. & M., and it is hoped that the college will soon have sufficient information regarding dressing percentages, carcass grades, cut-out value, and other tests to publish the results.

Greer County Cowboys to Meet July 10

Glen Putnam, wagon boss of the Greer County (Oklahoma) Cowboys Association announces that the Association will meet July 10 at Mangum, Okla., the day preceding the Pioneer Picnic at Mangum. Putnam says he will have the chuckwagon going the evening before the meeting and wants the boys to ride in, unpack and make themselves at home. There will be plenty of chuck and a good time is assured.

Impact of the Brahman on Beef Production

(Continued from page 25)

Brahman, Florida would not yet have anything but a token livestock industry.

The Island of Cuba has developed a tremendous livestock industry. The people of Cuba have delivered to their tables more meat per capita than any other peoples in the world. This tremendous industry in Cuba is absolutely rooted in Brahman blood, and but for the Brahman, the beef cattle industry in Cuba would not begin to feed its own people.

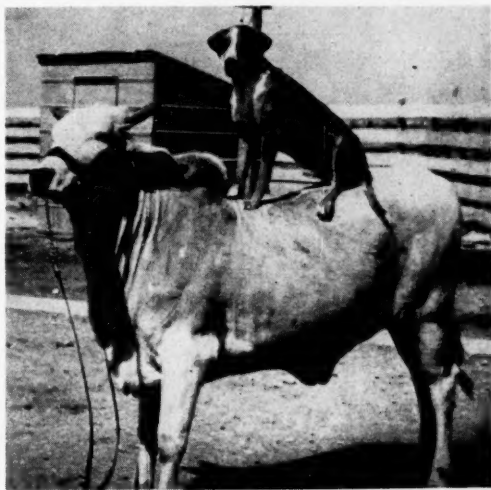
Brazil was without a significant cattle industry and its citizenry set about to develop that industry. They searched the world and ended up with the importation from India of many Bos Indicus animals. Through the influence of these animals, the Brazilian cattlemen then developed a livestock industry which today is one of the chief economic resources of that progressive country.

And so it has been in Jamaica, Trinidad, Colombia, Panama, Venezuela, Central America, Mexico—as the Brahman influence has been increased in their livestock programs, just so has the production of meat for domestic consumption increased and improved. No month passes that the alert departments of agriculture of these various countries or the progressive members of the livestock industry of the countries themselves do not go out over the lands in search of more and better Brahman cattle to further improve their herds and stimulate the production of meat.

It is significant that breeders of practically every branch of the British breeds

have appreciated and recognized the potential of the Brahman factor in beef production, and have grasped in tremendous productive factor to present crossbreeds upon crossbreeds until crossbreeds are hopefully called new breeds. All of which is obvious in the march of Brahman contribution to beef production. Without the Brahman factor the Angus

would have no Brangus, the Hereford no Braford, and the Charolaise no Charbray. There could be no Bra-Swiss, no "Beef-Master," and the Shorthorn would have no Santa Gertrudis, and without these Brahman built crossbreeds and new breeds, the world would be poorer by millions of pounds of beef yearly. The Brahman influence has permitted the British



This picture was submitted by Walter Weissman, Lampasas, Texas. The dog is a Leopard dog. This is evidence of Brahman gentleness.

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*RCA rating.

Here are some of the other All-Around World Champion Cowboys who have switched to Blue Bell Wrangler jeans, jackets and shirts:



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1949



Gerald Roberts
1948



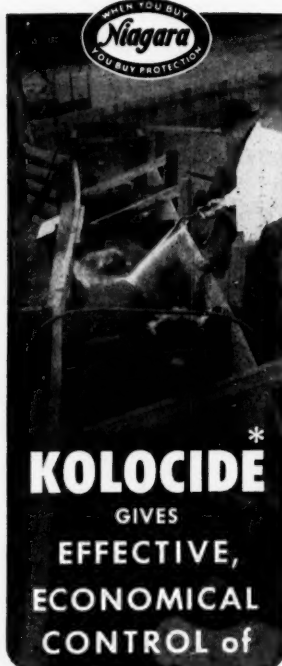
Todd Whitley
1947



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breeds to produce beef in areas where pure blooded British breeds could never exist.

The influence of Brahman blood is being felt in the western part of the United States—particularly in Arizona and California. A recent survey in one of the largest feed lots in the world near Phoenix, Arizona, revealed that here there were 33,500 head of cattle on feed. It was estimated by the manager of the yards and a number of commission men and feeders who owned cattle in this feed lot that 90 per cent of those on feed had some Brahman blood.

It was brought out that there was a period of several months in midsummer when cattle of the British breeds would not make satisfactory gains because of the hot weather, so the yards had to practically shut down for this period. But now with an available supply of Brahman and crossbred cattle, these same feed lots can operate satisfactorily through the hottest months and remain open on a year-round basis.

If at this moment all Brahman influence were extracted from all the beef cattle of the Gulf Coast, Florida, and Cuba, the beef industry in these areas would be cut in half.

The staggering influence on beef production has resulted from approximately twenty-five to thirty years of application of Brahman blood. Dare, if you will, to project this trend twenty-five to fifty years hence, and with the spread of Brahman influence throughout the world, you can see wherein it could well furnish the meat needed to feed that two-thirds of the world population which today goes hungry.

But with all of the staggering and gratifying results from crossbreeding, it is, nevertheless, a much abused and a little understood subject; one in which caution should be the watchword.

The remarkable gains from heterosis have been so great, so profitable, that cattlemen have raced down the road so fast they have not stopped to read either the road map or the local road signs.

The crossing of purebred Brahman on cattle of other breeds has excellent results which are known and proven. Beyond that point much is yet to be learned. To quote from a recently issued Research Bulletin, No. 724, Texas A&M College, Page 20: "There are some problems arising from crossbreeding which may defeat its purpose unless it is used wisely. To accomplish the greatest good from crossbreeding requires continued usage of two parent breeds. . . ." In other words, crossbreeding will be effective only so long as you can keep pure Brahman blood flowing into the program. Hence, the indiscriminate usage of the crossbred bulls, merely because they look good has no genetic support and could well detract from the potentially great contribution the Brahman promises to make to future beef production.

The United States Department of Agriculture and the agricultural schools of various states and of other countries recognize the potential of Brahman blood and have set about to gain some truly scientific evaluation thereof, in crossbreeding programs and purebred programs. The colleges and experiment stations owning Brahman or conducting research projects involving this breed are:

Beef Cattle Work

Alabama—Blackbelt Experiment Station, Marion Junction.

Florida—1, University of Florida, Gainesville; 2, West Central Florida Sta-

tion, Brookville; 3, Range Cattle Station, Ona.

North Carolina—North Carolina State College, Raleigh.

South Carolina—Clemson College, Clemson.

Texas—1, Texas A & M, College Station; 2, Bluebonnet Farm, Texas A & M Experiment Station, McGregor; 3, East Texas Pasture Station, Lufkin; 4, Rice Experiment Station, Beaumont; 5, Texas A & I College, Kingsville; 6, Texas Technological College, Lubbock.

Louisiana—1, Louisiana State University, Baton Rouge; 2, Southwestern Louisiana Institute, Lafayette; 3, Iberia Livestock Experiment Station, Jeanerette.

Oregon—Squaw Butte-Harney Experiment Station, U. S. Department of Interior, Burns.

Washington—University of Washington, Pullman.

Dairy Cattle Work

Louisiana State University, Baton Rouge, La.; Northeast Louisiana Experiment Station, Homer, La.; Iberia Livestock Experiment Station, Jeanerette, La.; U. S. D. A. Research Station, Beltsville, Maryland; Texas A & M, College Station, Texas; University of Minnesota, Minneapolis, Minnesota; University of Missouri, Columbia, Missouri.

Foreign—1, Dominion Range Experiment Station, Manyberries, Alberta, Canada (Beef Crossbreeding); 2, Inter-American Institute of Agricultural Sciences, Turrialba, Costa Rica, (Beef and Dairy); 3, Tingo Maria, Peru, (Beef and Dairy).

These research projects have demonstrated the following advantages of Brahman and their several crosses:

1. An increase in weights of cattle at all ages as a result of $\frac{1}{2}$ Brahman blood of dam over animals of British breeds. (TAES Progress Report 1121). The advantage at several stages of development are as follows: Texas Lufkin Station, 7 months 126.5; 2 years, 178.0; 30 months, 215.0; Iberia Station, 6 years, 137.0.

2. Two to 4 per cent higher dressing percentage of carcasses from crossbred animals. (USDA Circular No. 844) (USDA Tech. Bul. 417).

3. Reach a market weight and finish in shorter time. (Iberia Cir. No. 844). First generation Brahman x Angus $\frac{1}{2}$ bred steer calves, reached a weaning weight of 454 lbs. at 232 days of age and needed only 235 days in the feed lot to attain a final weight of 754 pounds.

On the other hand, purebred Angus steer calves required 265 days to reach a weaning weight of only 404 pounds and 294 days in the feed lot to attain a final weight of 754 pounds or 92.1 days longer from birth to slaughter.

4. Greater tolerance to high temperatures. (USDA Cir. No. 844); (a) Brahman grazed more in hot weather; (b) Brahman had lower body temperature; (c) Brahman had considerably lower respiration rate. (Iberia Livestock Experiment Farm, Jeanerette, La.)

5. Higher value of calves at weaning time. (Bray report from Louisiana): "Calves out of crossbred Brahman cows sold for a higher price per pound than the other calves even when the weights were comparable. The price per pound paid for Brahman calves was not affected to the same extent as was that for Hereford calves, by the difference in pasture management practices."

6. Production of meat of superior quality. (USDA Tech. Bul. 417) (L.S.U.—Bray Report): "Rib cuts from two of

these Brahman crossbreds sent to Washington for meat grading and analysis graded higher on quality, percentage edible meat, and tenderness than many of the other cattle." (Bray.)

7. High resistance to anaplasmosis and other maladies. (LSU-Bray): "In 12 years, no Brahman have been lost from anaplasmosis or from bloating, and they appear to suffer much less from heat or from flies and mosquitoes."

The information from these research programs will be forthcoming through the next twenty-five years. Until these answers come, the only proven method is the utilization in cross-breeding programs of purebred Brahman selected for their excellence of beef producing characteristics. Popularity and salesmanship must not replace production records. The cattle industry of the world has a remarkable tool in Brahman blood—it should be used knowingly and wisely.

No research project has yet given results which prescribe the breeds to cross for the greatest efficiency of production. Ranchmen who have experimented will give you many answers, but these things will be granted in all discussions.

1. The better the individual Brahman, the more carefully selected for beef characteristics, the greater the result. Beef is measured by weight—not by personal opinion or preference. Experience in the Western United States where Brahman sires are being purchased for use on high quality Hereford cows is that these cattlemen seek only the very best of Brahman sires, topping them out of the top breeding herds, at whatsoever price, on the proper theory that anything less would be inferior to their cow herd which has the benefit of centuries of selection.

2. The most economic cross is the cross

of the best obtainable Brahman sire on the animals at hand—be they Jitney, Jersey, Hereford, or Criolla.

At this point we have considered only the startling impact of Brahman blood in cross-breeding, whereas actually, the most important contribution the Brahman will make to beef production will be through the purebred Brahman selected for beef conformation and bred to produce beef. Remember—all other beef breeds have, in the hands of experts, been in their period of selection for beef for hundreds of years.

The Brahman has had a history of only twenty-six years of selection, and we say without fear of refutation that no animal has ever seen such dynamic beef development in so short a time. Compare the Brahman in the show ring today with an animal of the breed twenty-five, even ten years ago! You hear some criticism about the Brahman carcass as compared to that of top beef animals of today. This is amusing. What did the carcass of the Urus animal look like twenty-five or thirty years after man started using them for beef? The top beef carcass of today has had generations upon generations of work done on it to bring it to that point. Give the Brahman breeders and the agricultural schools twenty-five more years, and you will see a Brahman carcass comparable to none! And furthermore, you will see dressing percentages that cowmen do not now conceive of!

The difficulty today is that the real beef producing Brahman, the ones that have come to the top through selection and trial, the kind you see as winners of your shows, are much sought after; have been expensive to produce and are used in purebred breeding herds. They are

not available in commercial channels. Yet, Brahman blood is popular and Brahman bulls sell. A trader doesn't care what the productivity factor or rate of gain factor is in a bull, and the unaware buyer fails to inquire,—so, all descriptions of Bos Indicus sires go to herds. Having advanced so far from the original Indian animal as we have in many of our individual Brahman, it seems criminal for breeders to slide back so far as is sometimes done through use of animals that fail to measure up to the beef standards of today's Brahman.

When these beefy Brahman become commonplace and replace all of the non-descript Bos Indicus—which in time they most surely will, then purebred Brahman carcasses will hang on the hook with those of any breed you choose. The carcass value of the Brahman animal will be improved through selection within the breed—not through infusion of other blood into the Brahman.

The Brahman beef industry in Cuba, probably more than anywhere else has advanced to a point where it could well demonstrate what the purebred Brahman can do in beef production. If the Cuban ranchers were only given an uncontrolled and free market where the incentive of a better price would exist for the creation of better beef, the Brahman breeders of Cuba would revolutionize production and the world would sooner know the true excellence of the purebred Brahman for beef.

A breed which in only 26 years of selection has presented the rancher with the beef-machine found in today's beef type Brahman will write an ever increasing story on how to produce more meat at less cost and the time may come when Brahman cattle will feed the world.



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Brahman Progress

By MAUDEEN MARKS

THE evolution of the Brahman as a beef animal, under the hands of skillful breeders, is typical of the twentieth century. During this modern age man has grasped the ways and means to produce and improve while producing with phenomenal speed.

The American Brahman has been called a "beef machine." And, like any machine of the era, it has been streamlined to meet today's demands. It is built with an eye to future potential, its power increased, production higher, and the quality constantly bettered.

The American Brahman belongs to, because it is a product of, the twentieth century and the Atomic age.

Practically all cattlemen, and particularly those in the South, know the story of the remarkable progress of the India breed of kine in the United States. Although the first Brahman animal debarked in this country more than a hundred years ago, it had little significance to the present cattle population.

It was in 1924 that the American Brahman Breeders Association was first founded and it has only been since that time that the great and noble American Brahman loomed largely onto the country's livestock panorama.

No lag of interest on the part of livestock producers can be detected because the American Brahman each year has surpassed expectations and his apparent possible potential appears unlimited.

The model animal of ten years ago is

cast away in preference to the current improved type. The trend always has been to produce a greater beef animal than the last generation . . . and consistently Brahman breeders have been able to do just that!

The bulk of this achievement can be attributed to the American Brahman Breeders Association. And when one speaks of the association, one speaks about 1730 individuals . . . cowmen and livestock producers who, through their aggregate effort, have performed this feat of accomplishment—and are still doing so.

Steady and significant progress has been made by the breed and the association, (for they march hand in hand) during the past year:

Three hundred and eight new Brahman breeders were added to the membership list.

In view of the expansion of the association and the industry the ABBA offices were moved to larger quarters this spring. Jim E. Park of Lakeland, Florida, has been engaged as a field man for the eastern states.

Brahman cattle shows have been added in the livestock divisions of three state fairs. They are the Alabama State Fair, the Ohio State Fair and the Arkansas State Fair. ABBA has increased its show appropriations by 25 per cent. Exhibit space is also being provided at the Illinois and Kentucky State Fairs.

A National Brahman show was held at Bartow, Florida, this March where

the finest specimens from across the nation were exhibited in close competition. A new sale record was established when an average price of \$1,615 per animal was brought down at that show.

Of the 35 states represented by membership in the ABBA, seven of these were added during the past year. Registered cattle are now found in 44 states of the nation.

Twenty thousand, six hundred and ten registrations (20,610) were processed during 1951 bringing total registrations to 166,672. Seventeen thousand and four (17,004) transfers were recorded.

As this is being written there is an impressive number of applications for membership waiting approval by the Board of Directors at the next quarterly meeting.

From the northern states comes much information which attests the new found interest in Brahmans of cattlemen who are just awakening to the merits of beef production through cross breeding programs. Steadily new Brahman blood is being imported into these outlying areas.

Numerous magazines and other publications have recognized the merit of the breed by devoting special issues and printing feature stories which help to tell the "Brahman Story."

The Central Brahman Breeders Association, which embraces members in Ohio, Indiana, Illinois, Kentucky, West Virginia, Pennsylvania and Michigan has requested affiliation with the American Brahman Breeders Association. This organization shows promise of being most valuable to the general promotion of the breed.

Other Brahman affiliate organizations are the Arizona, Eastern, Houston, Mid-

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Coastal, Louisiana and Arkansas Brahman Breeders Associations.

At Louisiana State University, Baton Rouge, Louisiana, a new experiment involving Brahman and other beef breeds has been undertaken. Texas Technological College at Lubbock, Texas, has acquired Brahman, through donations, with which to start a herd.

There has been no slack in the progress of the Brahman breed and no possibility of a lag of interest indicated.

Actually Brahman are forging their way into the beef scene on all frontiers. Each year for the past decade they have ventured forth, found new footing and established themselves permanently. Their acceptance, due to their contributions to the beef industry, gains momentum every day.

And as anyone who has followed their history and knows their story can tell you . . . they're not even in "high gear" yet.

Many a cowman who once viewed the Brahman as a passing fancy has learned that this American developed breed of Indian extraction is here to stay!

The Brahman Breed

(Continued from page 27)

Another Brahman cross is the three-way blend of Hereford-Shorthorn-Brahman developed by the Lasater Ranch at Falfurrias, Texas. These animals are referred to as Beefmasters.

Other crosses utilizing Brahman blood are the Brahorns, a Brahman and Shorthorn cross and the Bra-Swiss, a Brahman and Brown Swiss cross.

Indicative of the growth in numbers and popularity of Brahman cattle during the past few years is the progress made in purebred registrations in both the American Brahman Breeders Association and the Pan American Zebu Association.

The ABBA was established in 1924 by a small group of enthusiastic and far-sighted breeders. Credit for the establishment of the Association may well go to several men but one of those who foresaw the need for the organization and who did a lot of work toward this end was J. W. Sartwell of Houston. Sartwell says that the Association was formed for the purpose of building a beef animal.

He related that Brahman cattle had been used for every purpose in India except for the production of beef. He recalls that progress was slow during the first few years and then the organization began to grow. There were 17 charter members at the organizational meeting in Houston in 1924. As of May 15, 1952 the Association had 1,730 members, a membership in 35 states and 12 foreign countries.

In the year 1951, 20,610 registrations were completed at the office of the ABBA in Houston, bringing the total number of cattle registered to 157,152. Five times as many Brahman were registered in 1951 as in 1941. Harry Gayden, executive secretary of the Association, says that the ABBA now has more than 15 times as many members as it had in 1940.

The ABBA is headed by Henry O. Partin of Kissimmee, Florida, who is serving his second term as president. Edgar Hudgins of Hungerford, Texas, is first vice-president, and S. Paul Cornelius of Coleville, California, is second vice-president. Santiago Perez of Havana, Cuba, is third vice-president and Houghton Brownlee of Burnet, Texas, is treasurer. Mrs. Mar-

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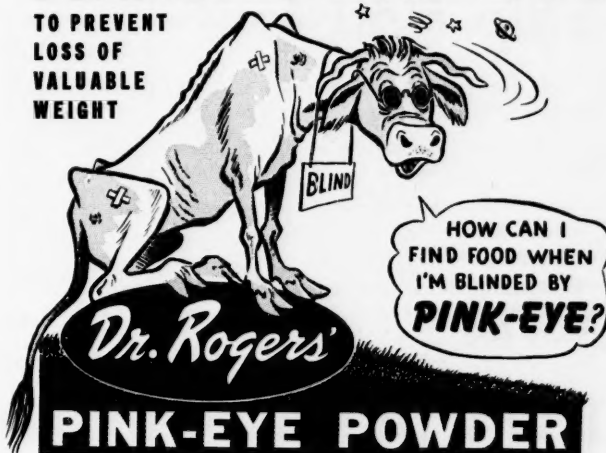
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FORT WORTH

garet Sunday of Houston is secretary of the Association.

The Pan American Zebu Association has recently been organized and has made much progress in membership and cattle registrations. The PAZA was organized in 1946 with 13 charter members. The secretary, Roy Martin, has his headquarters at Cotulla, Texas. Martin has recently released figures to the effect that more than 11,000 cattle have been registered in the Association since its beginning and that these were selected from 65,000 head that were inspected and appraised by the Association during the past five years. The PAZA now has 350 members and is growing at a steady pace. The Association is headed by Stanley Kubela of Palacios, Texas, as president and Jose Estrada Palma of Bayamo-Ote, Cuba, is vice-president.

No discussion of Brahman cattle would be complete without mentioning the famous herd of purebred Brahman cattle belonging to the Pierce Estate, located at Pierce, Texas, in Wharton County. This herd not only carries the distinction of being recognized as purebred Brahman breeding, but is the only herd in North America descending from pure Bos Indicus cattle imported directly into the United States from India. Since their importation in 1906 the Pierce Estate has built up a large herd of these animals and in recent months has sold its first purebred Brahman. Sam Cutbirth, manager of the Pierce Estate, said that the decision of the owners to sell some of these animals represents a major change in policy with the hope that these animals in the hands of breeders will be of value to both the breeder's herd and to the Brahman breed in general. The new blood from the Pierce Estate cattle may well

be absorbed in many herds to a great advantage.

Of the many breeders of Brahman cattle in Texas who are doing a good job in developing the breed, Walter Wessman of Lampasas is doing an outstanding job with his herd in Central Texas. Wessman is new in the business, getting started in 1949 when he bought a number of cattle from the Paddock Estate. He now maintains a herd of about 100 Brahman cows and also has that many Hereford cows which are crossed with Brahman bulls. These cross-bred animals are sold as yearlings each year and Wessman is well pleased with the economic return of this program. He claims the cross-breeds grow fast, put on lots of weight on the range and bring a good price when sold on Texas markets.

Wessman has high praise for Brahman cattle in Central Texas and foresees a good future for the breed. He has been selling registered Brahman cattle to breeders in Kansas, North Dakota, Arkansas, Oklahoma and to north and west Texas. He claims more Brahman are going north each year because more people are getting into the cross-breeding business. Wessman takes great pride in the fact that his cattle are gentle and is convinced that the Brahman is the most gentle of all beef animals. He spends a lot of time in getting them that way because he claims they do better and people naturally want to buy an animal that is gentle and easy to handle. Wessman's place is known as the W. W. Ranch, located seven miles west of Lampasas.

Another outstanding Brahman herd is that belonging to Afton, Harry and Jack Burke of Corsicana. Burke Brothers, Afton and Harry, have been in the business for about 12 years and Jack, who is

Afton's son, is just getting started with a separate herd of 100 cows. Burke Brothers started with cross-bred cattle from South Texas and a year later bought some registered cattle. The pedigrees of their cattle reach back into some of the outstanding beef animals of the breed. They keep a breeding herd of 200 cows, all registered in the ABBA, on 4,000 acres of country in Kaufman, Navarro and Freestone counties. The headquarters of the ranch is located four miles east of Corsicana. Afton Burke, a past president of the ABBA and a breeder devoted to the improvement of the Brahman breed, says their main market is the sale of herd bulls to other breeders. They sell lots of bulls to breeders in foreign countries, such as Jamaica, Brazil, Colombia, Cuba and Mexico.

In southwest Texas the Martin Brothers, J. W. Jr. and Roy, are developing a good herd of cattle that are registered in the PAZA. Their place is located 20 miles East of Cotulla and consists of about 6,000 acres. They formed a partnership in 1946 and now have a herd of 200 breeding animals. They bought cattle from their father, J. W. Martin, who has been in the Brahman business since 1923, the Pierce Estate and Sartwelle Brothers near Houston. They have Brazilian bulls and their cattle took some top honors at the 1952 San Antonio Livestock Exposition. They have had an unusually long drouth in their country and the cattle have held up fine under these conditions. They have sold cattle in a number of southern states and in several foreign countries. Roy is secretary of the PAZA, which has its headquarters in Cotulla and J. W. Jr. is a director of the Association.

Senator Houghton Brownlee of Burnet got into the Brahman business by acci-

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dent some 30 years ago when a Brahman bull got into his pasture and bred some of his Polled Hereford cows. Brownlee noted that the nine cross-bred calves resulting from this accident did well, made good money, and opened his eyes to the possibilities of Brahman cattle. He later got into the registered Brahman business and now he and his son, Houghton Jr., have an excellent herd of 150 mother cows. They have been in the registered business 11 years and Brownlee is treasurer of the ABBA. He predicts that Brahman blood will find its way into a great many commercial herds in the country within the next 25 years. Brownlee recalls that he has seen the breed develop and that when he got into the business he was one of the farthest north breeders, which is no longer the case. He has high praise for their ability to resist disease and the way they grow into a marketable animal in a short time.

Dr. T. M. Neal of Wharton has one of the top Red Brahman herds in South Texas. Dr. Neal, widely known and beloved physician in Wharton County, has spent 30 years developing his herd of red cattle. He got a red bull from the Pierce Estate and through constant selection, has developed one of the most consistent Red Brahman herds in the country. His herd of 450 brood cows and heifers is registered in the ABBA and he does not maintain a commercial herd. He has 4,000 acres of land in different tracts in Wharton County. His cattle were developed from the Pierce bull and 30 Hereford cows. Dr. Neal has a good market for his cattle and has sold them to cattlemen in many parts of the world. Mexican cattlemen buy a lot of his cattle and many of them go to the southern states. Recently he has sold bulls to breeders in the Panhandle of Texas, where they are used in crossbreeding programs.

Edgar Hudgins of Hungerford is carrying on a constructive breeding program on the J. D. Hudgins Ranch established by his grandfather before the turn of the century. His father, Walter Hudgins, got a few head of females from the Pierce Estate in 1918 and in 1924 obtained some Brazilian bulls. From this start the Hudgins Ranch developed a herd of outstanding Brahman cattle which now number about 2,000 head that are registered in the ABBA. Hudgins cattle have found their way into most all herds in south Texas and are used as foundation stock by Brahman breeders all over the world. The Hudgins ranch also has a large herd of commercial cows and experimental work is being carried on in crossbreeding. Edgar Hudgins is the first vice-president of the ABBA and has contributed much time and effort toward developing Brahman cattle in America. He says that Brahman cattle will continue to increase in numbers and predicts that there will be an increase of cross-breeding activities in which more Brahman blood will be used in commercial cattle. Hudgins says that three factors, the condition of health, heat tolerance and efficiency of gain, will account for increased popularity for the breed. Hudgins has established a ranch in Oklahoma and reports that Brahman cattle do well there and that the market is good for cross-breeds in Oklahoma and Kansas. Hudgins sells cattle all over the world but claims that foreign purchasers are limited in their ability to raise American dollars to pay for the cattle.

Vernon Frost, owner of Pecan Acres Ranch near Simonton, is a Brahman breeder who believes in producing ani-



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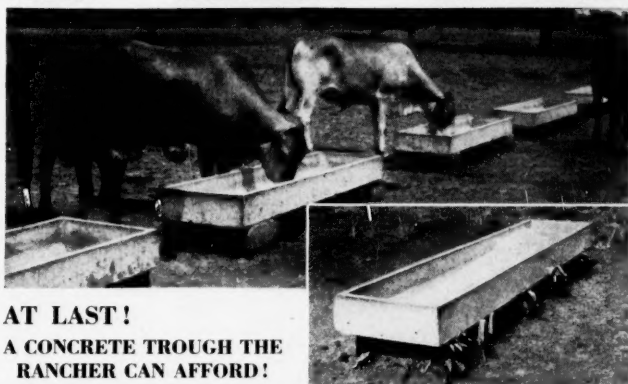
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imals of high quality. Frost has 250 mother cows on his 770-acre place and has not only done a good job of developing his **Brahman herd**, but he has also converted a worn-out cotton farm into a place that will handle about one head to the acre. He started in the cattle business in 1942 with a program to breed animals of size, type, good disposition and fleshing ability. He has had four annual production sales which have been well attended and brought high averages for his cattle. Frost halter-breaks every calf and his cattle are gentle when sold.

Another good herd of Brahman cattle in South Texas is that belonging to Flato Brothers of Corpus Christi. The ranch is located at Banquete and consists of 750 acres. They have a herd of 300 breeding animals which are registered in the ABBA. Flato Brothers have been in the business for about eight years and have sold cattle to breeders in most of the southern states. J. E. Brittain, manager of the ranch, says that the calf crop has been good and that in 1949 five of their cows brought twins. The drought has been severe in their country, Brittain says, but the Brahman's stand up well under these conditions.

No attempt has been made in this article to cover the field of Brahman cattle development and growth in its entirety. Due to limited space and time the author was able to talk to only a few of the many breeders in the field. There are hundreds of new breeders of Brahman cattle who have started in the business during the past few years whose efforts will spread Brahman blood into cattle herds all over the world.

There are many old-timers in the Brah-

man breeding business who we were unable to see that have played an important part in getting Brahmans started. Both Associations, the PAZA and the ABBA, are expanding in membership and registrations and are providing services that encourage the breeding of Brahmans. As these cattle continue to prove their value to the beef industry, as they have in the past, it is evident that the future promises a continuing expansion for the Brahman breed.

Brahman Breeders Invited to Beef Cattle Meeting

REPRESENTATIVES of the American Brahman Breeders Association have been invited to attend a meeting of the Southern Regional Technical Committee on Beef Cattle Breeding at Stillwater, Oklahoma, July 21 and 22.

The meeting will be held jointly with the Technical Committee meeting of the North Central group. Representatives from twenty-five states will participate, in addition to representatives of the U. S. Bureau of Animal Industry.

A large number of the different phases of beef breeding programs will be discussed along with beef cattle reports from each state participating.

A few of the main topics to be covered by discussion will be what the research animal breeders from various parts of the country are thinking, their objectives and procedures that are being followed in breeding programs.

Reservations for ABBA representatives have been made to attend the meeting in the interest of breed improvement and cooperation.

Inoculations with Cud Material Saves Calves

STOMACH inoculations with cud materials from healthy cattle may help save the lives of many barnyard calves in the future, according to findings reported to the American Veterinary Medical Association convention in Atlantic City, N. J., last month.

Dr. W. D. Pounden of the Ohio Agricultural Experiment Station, has been making special studies in this field. He explained that calves may not have normal rumen function for two reasons: (1) Because of unsuitable feed, and (2) because of an insufficient amount of microorganisms to help digest food in the rumen. This may happen when calves are penned separately and contact with older cattle is prevented.

"Failure to provide satisfactory roughage at a very early age, appears to be a serious cause of the formation of hair and fiber balls in the rumen due to the eating of straw or shavings used as bedding, and licking hair from the animal's body," Dr. Pounden stated. "Also, calves fed rations containing half as much grain as the hay being eaten developed rough coats and 'pot bellies.'"

The Ohio veterinarian recommended that farmers follow a high roughage calf raising system. This includes the use of limited amounts of milk, liberal feeding from birth of good quality alfalfa hay, plus weekly rumen inoculations with cud materials. "Improved health has followed the use of this plan in herds where pneumonia, diarrhea and coccidiosis were causing trouble," Dr. Pounden said.



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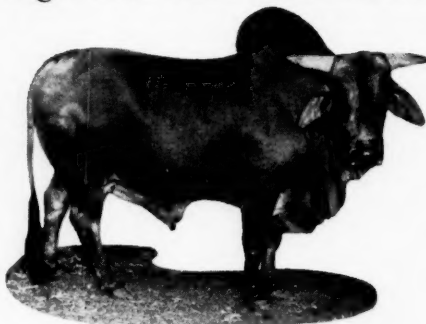
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WHARTON, TEXAS

Climate, Cattle and Cross-Breeding

(Continued from Page 29)

few in this country, most of them being raised in the Rio Grande Valley. These are largely descendants of cattle imported into Mexico by Mr. Jean Pugibet, of Obregon. Bred mostly in the French Department of Nièvre, their name stems from the fact that they are natives of Charolaise, in Burgundy. Used as triple-purpose animals in their homeland, their general form is that of a superior beef animal, with broad back, deep, capacious body, and short legs. A coat of pure white or cream-colored hair and the reddish flesh color of skin on the muzzle and about the eyes suggest the white Shorthorn and, as a matter of fact, white Shorthorn bulls were used many years ago in improving the Charolaise cattle. As beef producers they are in a class by themselves among the French breeds, producing finely marbled beef of very high quality. A. H. Sanders states that they require more care and better feeding than most cattle, but, given this, they yield an excellent return.

Cattle raisers along the Gulf Coast disagree with this, having found them exceptionally hardy and excellent rustlers. Earl Thomas, of Raymondville, says "The impression we have gained from our experience with the Charolaise is that they are a very hardy cattle, which is contrary to Mr. Sanders' statement."

Afrianders

The Afriander is relatively new to the United States, having been imported from South Africa in 1931.

There has been considerable discussion about the origin of this breed. Apparently it descended from some Zebu stock, and from cattle imported by the early Dutch settlers, but it is rather unlikely that any portion of Brahman blood was disseminated widely enough from North Africa of Egyptian times, to serve as possible foundation for the Afriander. However, George S. Oettle, who lived in South Africa for nearly sixty-five years recently suggested to me that the Zebu cross (if there is one) had probably been introduced through the Portuguese colony of Lorenzo Marques, to which Indian cattle were imported at a very early date. From here they were spread widely by native cattle raiding and by their use as trek-oxen, between that colony and Johannesburg, in South Africa.

Whatever their genesis, Afrianders are big, hardy animals, possessing many of the desirable Brahman characteristics, and fairly well adapted to the Gulf Coast of the United States, as well as other tropical and subtropical areas. They are resistant to drouth, ticks, and other insects, as well as disease, and when crossed with some of the more popular beef breeds, have produced offspring with sufficient hardiness to cope with climatic conditions along the Gulf Coast. However, they are rather narrow of body, leggy, and somewhat fine-boned, and lack some of the good qualities of the Brahman.

Brahmans

Brahmans were apparently first introduced into the United States in 1849, by J. B. Davis, who served for many years as agricultural adviser to the Turkish government. Dr. Burch Schneider doubts very much the commonly repeated story that Davis obtained these animals in Turkey. He says: "Dr. Davis obtained twelve head of Angora goats from Persia.

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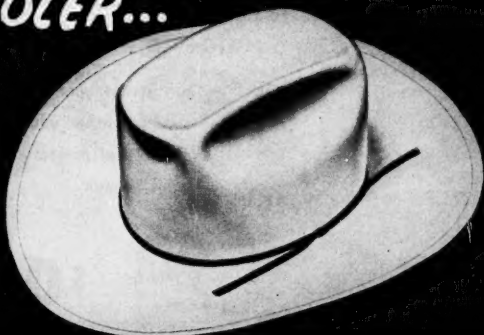
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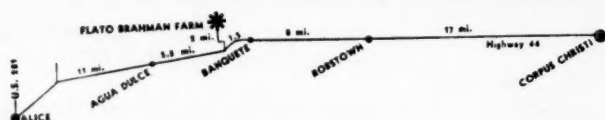
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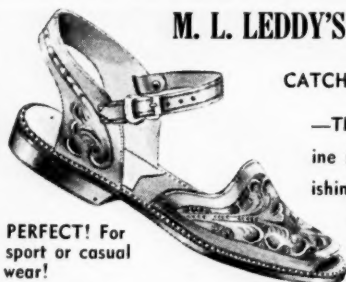
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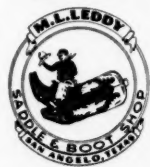
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These then, were evidently the animals that Davis brought with him, reasoning that they would do well there, and help improve cattle of that area. Unfortunately, all traces of these were lost during the Civil War. In 1854, Richard Barrow, of Louisiana, trained a representative of the British Government in the technique of sugar farming, refusing to accept pay. In gratitude the English presented Mr. Barrow with four Brahman bulls which quickly attracted attention because of the quality of their offspring from native cattle. These matured early; their meat was of high quality; they were good grazers, and possessed, to a high degree, immunity from pests and insects.

Apparently some descendants of these cattle were contained in the Kenedy shipments of 1871 and 1874.

Between the time of the first Kenedy shipments and 1885, J. M. Frost and Albert Montgomery bought a number of grade bulls from Mr. Barrow, and in the latter year bought two bulls in Calcutta, India, shipping them to New Orleans. They used these in carrying out the work begun with the Barrow crossbreds, and obtained such excellent results that their crossbred bulls were in great demand by other ranchers for breeding stock.

In 1904, Hagenback's show, at the St. Louis World's Fair, exhibited a Brahman bull, brought in directly from India. This bull, one of the best imported up to this time, was bought by Al McFaddin of Victoria, Texas, to furnish pure-blooded stock for his herd, supplementing an earlier purchase of grade Brahms (two cows and 20 bulls) in Louisiana.

In 1906, A. P. Borden, of the Pierce Estate, and T. M. O'Connor imported a number of Brahms from India. Dr. Burch Schneider says, "I have a letter from Mr. Sam T. Cutbirth, general manager of the Pierce Ranch, Ltd., in which he states, 'With reference to your question as to the number of females included in the Pierce Estate 1906 importation of Brahman cattle direct from India, I wish to advise that as shown by our records, fifty-one head of Brahman cattle were landed out of such importation, consisting of forty-six bulls and five females. During the course of several months, while in quarantine, the U. S. Government killed sixteen bulls and two females, leaving thirty bulls and three females finally shipped to the Pierce Ranch, at Pierce, Texas.'"

Apparently one bull from this shipment went to Al McFaddin.

A few subsequent importations have been made from Brazil, where Brahms became established in the 1880's.

These Indian cattle presented many advantages to the Gulf Coast cattleman. Briefly, these are:

1. They sweat freely, with the result that heat bothers them less than it does European breeds.

2. Brahms, using the well-developed panniculus membrane characteristic of the breed, are able to twitch their skin readily and dislodge insects in a manner that European breeds cannot.

3. Their breeding span is longer than

that of British breeds (Charles Schreiner, III).

4. Although they reach sexual maturity late, Brahman bulls are apparently capable of serving more cows than bulls of other breeds, experience having shown that it takes only about forty per cent as many to mate 100 cows as it does with European bulls. (G. E. Tabor.)

5. They will travel long distances to water; Brahmans move freely. Their walking pace is fast, and they are not inconvenienced by breaking into a jog-trot. This permits them to graze over a large area, and in times of feed shortage, when water is distant, enables them to keep in better condition than cattle of other breeds.

6. Brahman crossbred calves mature more rapidly than those from standard beef breeds, weighing more at weaning time than non-Brahman calves. (W. H. Black, J. T. Semple and A. L. Lush.)

7. Brahmans are very resistant to ticks. M. C. Stallworth says that probably a number of factors contribute to this. "Their short hair may restrict lodgement. Their skins secrete sebum which, with sweat, may be repellent. Their hide, although thin, is dense and difficult to puncture. This may prevent lodgement and explain the large number of dead nymph ticks that can be seen in the normal sites for lodgement. States of immunity and of resistance to disease may be difficult to differentiate in field observations; however, many instances of immunity have been shown to be genetic in origin. Ranchers in the United States estimate and value resistance to tick fevers in terms of the percentage of Zebu blood. They are so sure of their observations that descending percentages of

mortality are given as the expected results, when fullblood, half, quarter, and cattle with lower fractions of Zebu are brought from tick-free to tick-infested regions."

R. B. Kelley says that in 1938, eighteen Brahman and one Santa Gertrudis bull (¾ Brahman) were shipped from the United States to Queensland, Australia. Until this time none of them had been in tick-infested areas, and so, as a protective measure, they were inoculated with blood from a known tick fever carrier. Only one of them, the Santa Gertrudis, showed any marked inconvenience.

Dr. Work says: "From personal experience with Brahman cattle throughout Central America, I am not in agreement with this statement that Brahmans are more resistant to ticks. Checking this with others who have spent many years in the American tropics and with authorities in the Zoology Division here, I find these people to be in agreement with me on this matter of being tick resistant."

8. The statement is frequently made



"Honest, Herbie, I'm not hurt!—that bump is just part of me!"

that Brahmans are practically immune to pink-eye, cancer-eye, and are resistant to screw worms and anaplasmosis. Dr. Work comments on this: "Under similar degrees of exposure to infection there is no experimental evidence that Brahman cattle are any more immune or resistant than any other cattle to some of these infectious diseases or to certain parasites. Cancer-eye, which is associated with presence or lack of pigment, is a different matter, and I would not disagree on that point."

9. They are good grazers, consuming approximately the same amount of food as other cattle, but unlike European breeds, do not gorge themselves. They eat at any time during the day, as apparently the sun bothers them very little. Brahmans will be out in the field eating while the European breeds are in the shade because of heat. "However, there are some data to show that Indian cattle eat less, so have to eat more often, which is why they are out in the fields when other cattle are resting." (S. H. Work.)

10. In general, Brahmans or Brahman crosses command a ready sale to the meat packer.

The work of Black, Semple, and Lush, made in cooperation with Texas A. & M. College and the King Ranch, was partially responsible for this popularity. This showed that crossbred calves from Brahman sires weighed ninety-one pounds more per head than Herefords and Shorthorns, as they came from the pasture at about seven months, all things being equal except breeding. These calves sold for more per hundred pounds to the packer and paid the ranchman 28.44 per cent more money on the packers' market.

The statement frequently made by Brahman breeders and the journals de-

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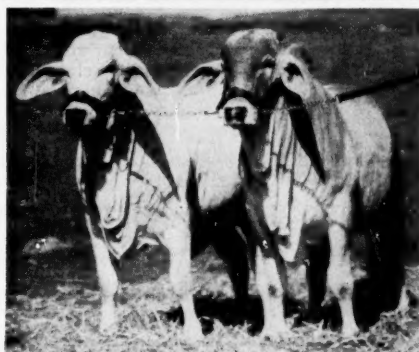
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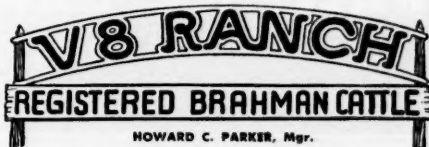
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PHOENIX, ARIZONA

voted to that breed that there was less shrinkage from feedlot to market, and that the dressing percentage was higher in the Brahman crosses, is not too well borne out by the actual material in the bulletin.

Dr. H. C. McPhee, of the U. S. Department of Agriculture, points out that "The Brahman yield an average of 75.7 pounds of edible meat per one hundred pounds of carcass and the Brahman x Shorthorns yield 78.1 pounds. The 2.4 pounds difference per one hundred pounds of carcass was composed of 2.4 pounds more fat for the Brahman x Shorthorns; 1.1 pounds more eye muscle for the non-Brahman; and 1.1 pounds more other lean for the Brahman x Shorthorns. Two of these figures cancel out, leaving the average advantage for the Brahman blood as 2.4 pounds more fat per 100 pounds of carcass. In other words, the Brahman crossbreds carried a little more finish."

I have seen the further statement, in journals devoted to Brahman, that meat of the Brahman crossbreds scored highest in color, texture, palatability, intensity, and desirability of fat and aroma. This is not entirely borne out by the facts.

Dr. McPhee points out that the conclusions read as follows: "In color of the meat, comparisons of the samples tested were variable and inconclusive. Data on palatability of the cooked meat showed only slight differences." "The texture of the meat from the Brahman crossbreds was rather consistently coarser than that from the Herefords and Shorthorns. The meat from the Brahman crossbreds was judged to be slightly less tender than that of the Herefords and Shorthorns." "Minor differences in cooking losses through drippings and evaporation appeared to be independent of the breed of the cattle." "Taking into consideration the various factors of palatability and varying tests of the judges, the cooked meat of part Brahman and non-Brahman steers is considered to be approximately equal in desirability."

Dr. McPhee's own conclusion is that the statement mentioned above is not justified.

Santa Gertrudis

This breed, the only one so far recognized by the United States Department of Agriculture (A. L. Baker and W. H. Black), was the result of a gift bull presented by T. M. O'Connor to the King Ranch. This bull was sired by a Brahman bull out of a registered Shorthorn cow. "He, along with many Shorthorn bulls, was turned into a pasture where there were 3,000 unregistered, but purebred, Shorthorn cows." (Carl Scudder Jr.)

The years 1910 to 1918 marked the exploratory period in the development of this breed, during which progeny of the O'Connor bull were compared with purebred European cattle under the same conditions. Because the crossbreds were superior, in 1918 the breeding program was extended to include all purebred Shorthorns on the ranch. Selection for beef type and red color was initiated among the Brahman-Shorthorn crosses with the object of developing a new breed. (R. J. Kleberg, Jr., and A. O. Rhoad.)

Using this foundation stock, after seventeen years of effort and breeding skill the ranch developed a new breed of cattle, one with fixed qualities that bred true (John Ashton), although it was not until years later that the Department of Agriculture recognized it.

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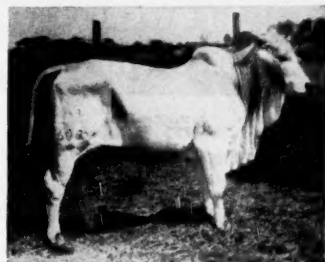
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trudis was the great bull "Monkey" whose prepotence served to stamp the characteristics of the breed on his offspring. Dr. McPhee says that this calf was branded in the fall of 1920 and "was essentially a first cross of Brahman and Shorthorn, both parents being somewhat impure as to breed. The sire was 'Vino-tero' one of the fifty-two Borden Brahman bulls purchased by the King Ranch in 1918 for an intensive effort to develop a new breed. This bull was of the Guzerat type but showed considerable Nellore, Krishna Valley, and Sind characteristics. The dam of 'Monkey' was a grade Shorthorn cow possessing considerable milk production and containing about one-sixteenth Brahman blood which came down from the original O'Connor bull through his son, 'Chemerra'."

By using Monkey's sons and grandsons on first cross heifers, and again on the double cross resulting from mating first cross bulls on first cross heifers, and finally adopting in-and-in line breeding methods, the Santa Gertrudis breed has been evolved (H. M. Smith).

Their blood contains approximately three-eighths Brahman and five-eighths Shorthorn. Big, generally cherry-red, horned, with large, slightly drooping ears, Santa Gertrudis cattle have retained a portion of the pendulous Brahman dewlap and abdominal skin, although the hump has disappeared. They breed true to type, are resistant to heat and insects, have good beef conformation, are good rustlers, produce plenty of milk, and will average from one to two hundred pounds more than British breeds under identical range conditions. Calves usually weigh more than five hundred pounds at eight months, and four-year-

old steers, when finished for market off grass, will weigh around 1,400 pounds.

One breeder, Mrs. Worth Wright, of Kingsville, has recently developed a polled strain of this breed.

The breed has found widespread acceptance. Dr. John Ashton says: "I am proud to state that in 1941, upon being named Cultural Attache to Nicaragua . . . I introduced ten young bulls of the Santa Gertrudis breed, in cooperation with the Minister of Agriculture and the government of that country. I was present when they arrived, and I must say they created quite a sensation! They actually weighed about the same as their three-year-olds, although their ages ranged from eleven to thirteen months only. Their color, too, impressed the ranchmen of that country most favorably; they had never seen before animals of that cherry-red color, and they seemed to like it immeasurably."

Crosses Other Than Santa Gertrudis

While the Santa Gertrudis has been the only valid new breed developed in the Gulf Coast region, or for that matter in North America, cattlemen of the area have tried almost every cross possible among beef breeds, with very little success until the Brahman appeared in the picture. "Since that time practically all crossing on any large scale has included the blood of the Brahman to some degree" (H. M. Smith).

Red Sussex-Brahman Cross

One of the most recent and interesting importations of cattle was made by Lawrence Wood of Refugio. About January, 1950, he received one bull and ten heifers of Red Sussex cattle from England, and in January, 1951, made another importation, following the lead of his

father, who has a number of these cattle on his ranch at Bandera. This breed has been long and favorably known in England, where it is found in Sussex, Kent, Surrey, and Hampshire, being descended from the same parent stock as Devonshire cattle which were bred on the Santa Gertrudis and La Parra Ranches (John Ashton). The Sussex—large, heavy-boned, and dark-red in color—is valued in its native country as a good grazer and beef producer. Originally imported to the United States in 1884, by Overton Lea, of Nashville, Tennessee, some Sussex cattle found their way into the south and southwest, but never attained any general distribution in this country. They have, however, been bred in Maine and Canada. When Lea showed his cattle at the Chicago Fat Stock show in the eighties, they took many prizes, and their showing of finely marbled beef on the block attracted much attention (A. H. Sanders).

Part of the Lea herd came to Texas in 1892, when Mr. Wood's grandfather purchased foundation stock for his herd at Refugio. These Sussex cattle were used for crossing with native cattle, and, although the herd was later broken up and sold, Mr. Wood said that it was possible to see the Sussex imprint on cattle of the area for many years after the herd dispersed. The O'Connor herd also included a number of Sussex about this time.

A few years ago, Mr. Wood's father, remembering these early cattle, purchased breeding stock for his Bandera ranch, and later, upon his father's insistence, and impressed by the cattle themselves, Mr. Wood made the importations mentioned. One bull in the second importation went to John J. O'Brien, of

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Refugio, and another to Raymond Harrison, of Wharton.

Mr. Wood has bred his Sussex bull to a number of grade Brahman, and at present has several beautiful little cherry-red calves from this cross, as well as others from his purebred Sussex heifers. A number of purebred Brahman heifers, also bred to this bull, have not yet calved.

It will be most interesting to see whether these crossbreeds do as well here as the Afrikaner-Sussex has done in South Africa, and whether they present any advantages over crosses with standard beef breeds.

The Brahman-Angus Cross or Brangus

For years the Paleface Ranch, of San Antonio, has been crossing English breeds of beef cattle with Brahman, and in a recent letter M. B. Levi says, "We have discontinued the Hereford and Shorthorn crosses, having found in our own pasture the Angus cross was superior." This decision was based upon body conformation, distribution of flesh, amount of finish, dressing, percentage, and ability to finish fast on the least amount of feed or pasture consumed. Before Hereford and Shorthorn crosses were discontinued, they found that uniformity of color ran about 80 per cent for the Brahman-Angus cross against 40 per cent for the Brahman-Hereford, and 30 per cent for the Brahman-Shorthorn.

Results of experiments carried on with this cross at the Iberia Livestock Experimental Farm (A. O. Rhoad and W. H. Black and A. L. Baker) are most enlightening.

Comparisons of weights between northern bred cattle and cattle bred on this farm show a difference of 206 pounds for poor European cattle. Medium and fat cattle were considerably less, but, even so, good cattle of northern breeds showed as much as 272 pounds less weight. At the present market this amounts to an extraordinary loss in profit through southern breeding of purebred and very high grade European cattle. Under identical conditions, steer calves of first and second generation Brahman-Angus half-breeds, and first generation Afrikaner-Angus half-breeds reached a weaning weight of 450 pounds in the shortest time when compared to three-eighths - bred, quarter - bred, and purebred Angus. The same results held when steers were fed out to a weight of 750 pounds after weaning, although differences in efficiency of gain between groups during the feedlot period were not statistically significant. Although beef conformation of the half-breeds was not as good as that of the purebreds, they excelled in carcass yield. Purebred Angus required 560 days from birth to reach slaughter weights, or approximately 92 to 100 days longer than half-breeds, 65 days longer than quarter-breeds, and 47 days longer than three-eighths bred steers, the quarter and three-eighths denoting the amount of Brahman blood in the various crosses. The halfbred calves, with Brahman blood on the sire's side, showed a daily gain for a period of 298 days of slightly more than one and one-half pounds for bull calves and about one and five-eighths pounds per day for heifer calves. Calves with Brahman blood on the dam's side showed a considerably larger gain for 228 days. Bull calves average 1.97 pounds per day, heifer calves 1.84 pounds.

The tests further revealed that the Brahman topped all other cattle in the

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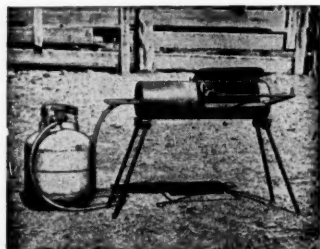
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percentage of time used for grazing, resting in the shade less than three percent of the time (G. E. Tabor).

Experiments at Essar Ranch (Paul A. Keesee and Travis Richardson) have shown that cattle of the present three-eighths-five-eighths strain possess the following characteristics: they are hardy, practically immune to infections, and suffer very little from foot rot, lump jaw, pneumonia, and other cattle diseases. The rumen (paunch for roughage) is smaller than in the English breeds, but they feed often, possessing Brahman ability to graze during the heat of the day, because of lower body temperature, and their feeding is little affected by the heat of subtropical summers. These small rumens are advantageous, making for a higher dressing percentage.

The Brahman-Hereford Cross or Braford

Francis I. Savage of Bay City, Texas, reports that on his ranch Brahman-Hereford crosses have been bred up to the fifth generation, with noticeable improvements; namely, higher dressing percentage, more uniform color, and a greater demand by the stocker buyers, as well as the packers, for this type of cattle. He states that, by introducing new Brahman and Hereford blood from time to time, they are able to breed Braford sires to Braford dams without inbreeding. However, they have had little success with line breeding.

McGill Brothers, in the Alice-Falfurrias area, are also leading breeders of Brafords. They found that, in large pastures with no supplemental feed, Braford cattle are better adapted to this climate than are Herefords. Ear ticks and screw worms have become a minor factor, and

the Brafords are much more resistant to diseases, especially hemorrhagic septicemia. The crosses are apparently better rustlers and, being resistant to insects, will graze when the purebreds are in the shade fighting flies. As a result, at weaning, crosses will outweigh the Herefords from 100 to 200 pounds (H. M. Smith).

A. O. Rhoad and W. H. Black say that when only purebred Hereford bulls were used on either native or grade Hereford foundation cows, best results were gained by first grading up the foundation herds with these bulls, then crossing first-generation heifer offspring with Brahman bulls, and finally back-crossing the hybrid offspring with purebred Herefords. The resulting animals were five-eighths Hereford, one-fourth Brahman, one-eighth foundation stock. Second best results were obtained by back crossing first generation grade Hereford heifers with purebred Hereford bulls, and then crossing the second generation heifers with Brahman bulls, producing finally animals one-half Brahman, three-eighths Hereford, one-eighth foundation stock.

Brahman-Hereford crosses have shown consistent advantages in weight for age over grade Herefords at the East Texas Pasture Station at Lufkin (W. C. Knapp et al). Calves mothered by half-blood Brahman-Hereford cows have had an advantage over calves mothered by Hereford cows and sired by a half-blood Brahman-Hereford bull.

Similar advantages in weight for cross-breeds were obtained at the Sonora Ranch Experiment Station in a crossbreeding program with Brahman and Hereford cattle between 1920 and 1929. In the course of this work the Sonora station bred and "fattened out" five different

calf crops consisting of both grade Hereford and Brahman-Hereford crosses.

The Brahman-Charolaise Cross or Charbray

The production of Charbrays is rapidly increasing in popularity. J. A. Lawton, of Sulphur, Louisiana, reports that his three-eighths Brahman—five-eighths Charolaise cross is producing an even larger animal than he has been getting from his halfbreeds. H. B. Jones reports that, while calves are usually very small at birth, they grow rapidly, putting on 100 pounds a month on good grass.

The Charbray cross shows up as a nice well-rounded animal, very long, with exceptionally heavy forequarters, and a very deep body. In those of the best type the heart girth is tremendous.

Breeders state that rapid growth of the Charolaise and ruggedness of the Brahman combine to produce a beef-type animal that is a good grazer, a fast breeder, and one that is easy to handle. Grown cows weigh from 1700-2200 pounds; grown bulls from 2500-3200 pounds. One bull calf, given special attention, weighed over 1200 pounds at one year of age, and a three-month-old calf weighed 346 pounds. Other examples are a four-year-old bull that weighed 2765 pounds and a three-year-old cow that weighed 1410 pounds (H. M. Smith).

Those breeders using this cross are very enthusiastic about it, and there is apparently a big demand for the animals, both in this country and elsewhere.

It is interesting to note (J. R. Pagot) that large-scale utilization of Charolaise for crossbreeding is being made near Segou, in French Sudan, and in French Morocco. They are crossed with Zebu stock and the half-breed and three-quar-

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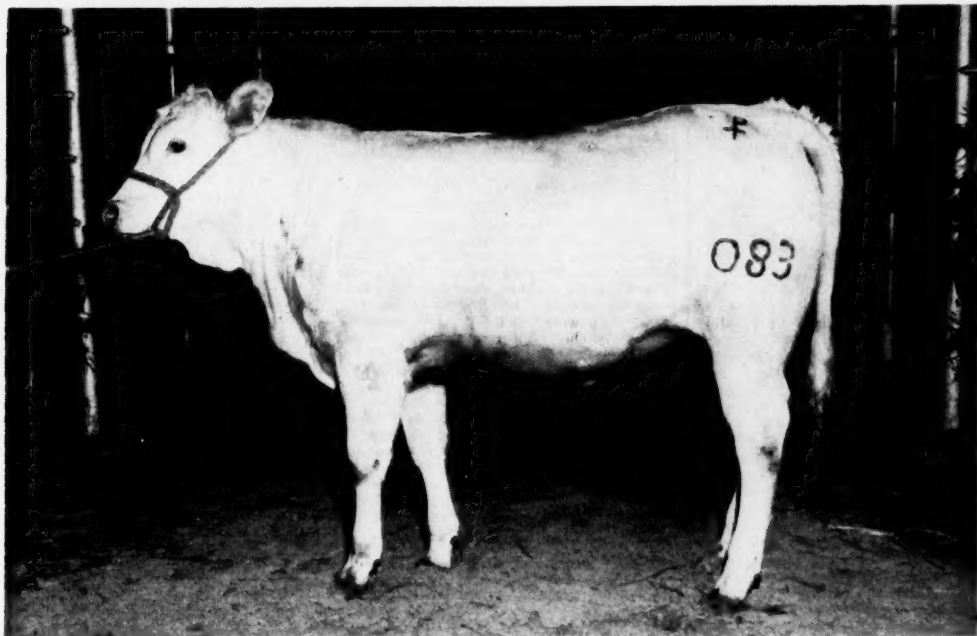
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ter-bred animals resulting from this are said to be excellent. In Argentina they are crossed with both Brahman and European breeds, giving superior beef cattle, and in Brazil they have also been used with the native Caracu breeds, such as the Curraleira, the Gurapeva, and the Mocho.

Charolaise are used for crossbreeding in Colombia, Chile and Venezuela in South America, Italy in Europe, and on the islands of Martinique, Cuba and Mauritius.

Brahman-Shorthorn-Hereford Cross Lasater's Beefmaster

Nature, by survival of the fittest, produced, in the aurochs and other wild oxen, cattle that could live and do well under existing conditions. They were hardy, good rustlers, good breeders, fleet of foot, powerful, and aggressive, because they had to be to survive. The ones that did not measure up were culled, rapidly and effectively, by the predators of the time, and by the rigorous conditions under which they existed.

Briefly, a similar process of selection is the basis of the Lasater herd of "Beefmasters." However, instead of breeding for survival characteristics necessary to primitive cattle, the Lasaters have stressed gentleness, fertility, weight, conformation, thriftiness, and milk production, with the ultimate aim of developing an animal that will produce the maximum amount of beef with a minimum amount of cost, under range conditions.

Any animal not measuring up to these conditions is culled, and because this culling is done very early, the progress of the herd in attaining these attributes has been quite rapid.

The "Beefmaster" program was begun in 1908, with special emphasis being placed on development of a strain of cattle that would produce a choice, quick-maturing, heavy calf at eight months of age, under range conditions, with no supplemental feeding. Progeny testing methods are being used to determine the superiority of animals, and all characteristics deemed non-essential have been disregarded.

As these cattle are bred under range conditions, no exact pedigrees are kept. However, the herd averages a little under one-half Brahman blood, the remainder being divided about equally between Hereford and Shorthorn. Color is disregarded, but, as the herd has grown, each year a higher percentage of calves has been red, an outcome that might perhaps be expected, as apparently red or dark brown were prevailing colors in primitive cattle.

Tom Lasater says that, under South Texas range conditions, Beefmasters will outweigh the English breeds by thirty per cent at any age, when raised without supplemental feeding. They are good milk producers, have a high resistance to disease and insect pests, and are good rustlers, capable of walking long distances to water.

These cattle are apparently very hardy, adjusting easily to various climatic conditions. In 1947, a demonstration herd was placed in Mason County, Texas, an area having a higher rainfall as well as being somewhat cooler than the home ranch. The elevation is approximately 1500 feet. These cattle continued to produce heavy, high quality calves with no supplemental feeding. Forty-four calves from this herd averaged 616 pounds at an average of eight months (B. W. Allred). In 1948, another

demonstration herd was sent to Chanute, Kansas. These animals weathered 23 degrees below zero in open lots, with no shelter and no ill effects. June 1, 1949 about 300 head of Beefmaster breeding stock, consisting mostly of yearling heifers and yearling bulls, was moved from Falfurrias to the Lasater Ranch at Matheson, Colorado. The following spring the calf crop began dropping about the 20th of March, and by May 15th an 80 per cent calf crop was on the ground. After twenty-two months the total death loss in this Matheson herd, including all cattle yearlings and older, was less than 0.25 per cent.

In tests, conducted recently by Texas A. & M. and the United States Department of Agriculture at Balmorhea, Texas, "a group of six Beefmasters made an average daily gain of 2.5 pounds during the 143 days of the tests. One calf, Don Madero, weighed in at 678 pounds at an approximate age of ten months. One hundred and forty-three days later he weighed 1,112 pounds, having made an average daily gain of 3.03 pounds. The two highest gaining groups in the test both represented new breeds carrying Brahman blood—the Beefmasters and Santa Gertrudis" (H. G. Brugman and C. G. Scruggs).

The Brahman-Shorthorn Cross or Brahorn

Only eight or ten Texas cattlemen are at present doing any appreciable amount of Brahman-Shorthorn crossing. According to J. P. Impson, of Beeville, calves of the first cross are more vigorous, grow faster, and are heavier at any age than European breeds.

Experimental data on this cross are given in Black, Semple, and Lush, and articles on these cattle have appeared from time to time in various journals. Among others, the A. P. George Ranch breeds this cross (D. J. Morris).

The Brahman-Brown Swiss Cross or Bra-Swiss

At least two breeders in Texas, E. W. Brown, Jr., of Orange, and George W. Lyles, of San Antonio, have been experimenting with this cross. It has, however, been difficult to develop any information on these cattle as a beef breed, or the reason for crossing. Howe says that in Jamaica Brahman-Brown Swiss crosses were used exclusively for dairy cattle, which, however, did not come up to Ayrshire and Jersey crosses for this purpose. He does not feel that they compare well with either Devon or Angus as foundation stock for beef cattle.

Dennis O'Connor suggested that the purpose of such a cross here might be to make unwanted calves from dairy cows more salable as beef.

Mr. Lyles recently was quoted in a newspaper interview to the effect that Brown Swiss in this area are a dual-purpose breed, producing both beef and milk. He made no statement as to the effects of crossbreeding.

Brown Swiss are fairly large. Mature cows of the heavy type run from 1200 to 1300 pounds; bulls weigh from 1700 to 1900 pounds.

Guy Smith Ill in Hospital

Guy Smith, livestock photographer of Kansas City, suffered a heart attack June 14 while working at his office and was taken to a hospital where the case was diagnosed as coronary thrombosis. Latest reports indicate he is "holding his own" but doctors believe he will be confined at least a month.

National Livestock and Meat Board Holds 29th Annual Meeting at Chicago

At the conclusion of the two-day session of the 29th annual meeting of the National Live Stock and Meat Board in Chicago, June 13, all officers were re-elected for the ensuing year. Jay Taylor, Amarillo, Texas, was re-elected chairman; G. Norman Winder, Craig, Colo., vice chairman; Frank Richards, Chicago, Ill., treasurer; and R. C. Pollock, secretary and general manager. A total of approximately 350 persons from 36 states and Washington, D. C., representing all branches of the livestock and meat industry were in attendance.

A highlight of the annual dinner session was devoted to honoring Dean H. P. Rusk of the College of Agriculture, University of Illinois, and director of the Illinois Agricultural Experiment Station, who has served on the faculty of the University for 42 years and will retire on September 1. Paying tribute to Dean Rusk as an influential leader, and one who had served the livestock industry well, was Dean H. H. Kildee of Iowa State College.

Dean Kildee referred to the Illinois man as one who had built up one of the world's best college animal husbandry departments. He stated that Dean Rusk had showed many young people not only how to make a living but also to make a life. "He has always been a firm believer in an economy built on free

enterprise," said Dean Kildee, "has accomplished much in the research field, served on many national committees and has rendered creditable services in behalf of the nation's Land Grant colleges."

Charles P. Shuman, president of the Illinois Agricultural Association, spoke on Dean Rusk's contribution to animal agriculture in Illinois. He brought out illustrations to show that Dean Rusk was in truth a "farmer's dean"—a man who brought his knowledge of agriculture and livestock practices right to the farms of the state. "Dean Rusk is more than a research man, teacher and administrator," said Mr. Shuman, "he is one of us."

R. C. Pollock, general manager of the Board, after paying tribute to Dean Rusk's abilities, said that the Board's directors were proud to have a part in doing him honor. He then presented the Dean with a meat carving set and steak knives.

Responding, Dean Rusk asserted that the Board was doing a fine job through the cooperation of all branches of the livestock and meat industry. He declared that the imposition of government controls was not in the nation's best interests and pleaded for individual initiative in solving agricultural and other problems.

Headlining the dinner program, Allan B. Kline, a director of the Board, and

president of the American Farm Bureau Federation, spoke on the subject, "The Livestock and Meat Industry and the Nation's Economy." Kline emphasized the value of our Land Grant Colleges. Drawing illustrations from his experiences in Washington, D. C., in working for the Nation's agriculture, Kline emphasized the fact that all too many of those in high places are trying to put our economy into a straight jacket.

"The bigger that government gets, the more power it demands," said Kline. "It is up to us to work against those forces which threaten our freedom—to make ourselves heard in order that our nation may move forward."

During the meeting Wesley Hardenbergh, president of the American Meat Institute, cited the need of reaching the professional people with the story of the nutritive value of meat.

R. C. Pollock in his annual report stated that the program of the National Live Stock and Meat Board had been intensified along all fronts during the past year. The eight departments have worked individually, and also as a unit in rendering all possible service in the fields of meat research, education and promotion.

"In carrying on the work in behalf of the industry's ultimate product," Pollock said, "it is recognized that meat affords more to select from and a wider price range than does any other food. Beef, veal, pork, lamb, sausages, variety meats, canned and packaged meats are available in every village, hamlet and city in the United States. In turn, this means that meat offers vast possibilities



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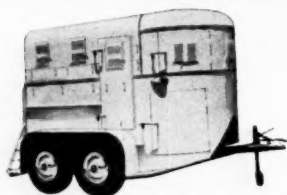
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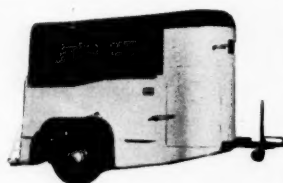
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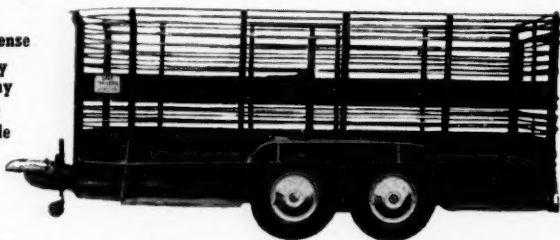
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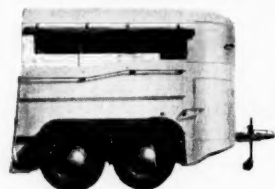
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"Now let me say a word about the current livestock and meat situation. Our meat animal population is on the increase. The January 1 livestock population report showed that there were a total of nearly 184,000,000 cattle, hogs and sheep on the nation's farms and ranches. The cattle population of 88,000,000 head set a new all-time high record and represented a gain of 6,000,000 head over a year ago. Hog and sheep numbers were each over a million greater than in 1951.

"It is significant that we have a higher-than-normal proportion of beef animals in our cattle population, 59.2 per cent being classed as beef cattle. Twenty-five years ago only 46.5 per cent of our cattle were classed as beef cattle. In the last three years beef cattle numbers have increased by 26 per cent while dairy cattle numbers have advanced only two per cent.

"Cash sales of cattle, hogs and sheep this past year set a new high record, totaling 11,300,000,000. It must be recognized, however, that costs of producing livestock have also shown marked advances.

"Statistics show that last year's production of meat reached 21,909,000,000 pounds. The year was marked by a higher than average production of pork, the pork tonnage being the third highest of any year in history, exceeded only by the pork output of two years during World War II.

"A production of 22,500,000,000 pounds is forecast for this year. Pork production will be about four per cent less than in 1951. Increased marketings of beef this year are expected to yield a beef output seven per cent greater than last year. A 12 per cent increase in the lamb output is anticipated, and a six per cent increase in the veal supply.

"Those of us who are a part of this great livestock and meat industry probably seldom stop to consider the scope and magnitude of its operations, and its contribution to the nation's welfare. Millions of persons depend upon this industry for a livelihood—all along the meat assembly line extending from farm and ranch to retail market.

"No industry in my opinion has demonstrated a greater degree of efficiency in conducting its operations. A significant example is to be found in the field of meat production. We are producing more and more meat with less and less people on the land. During the past 20 years, for example, our farm and ranch population has declined by about 7,500,000 persons, or 33 per cent. At the same time our annual production of meat has shown an increase of 37 per cent in this 20-year period. Putting it in another way, our meat output this year will average 4,200 pounds per farm, while 20 years ago it averaged only 2,600 pounds per farm.

"This increased production record is being attained through increased farm mechanization, better feeding and breeding methods, reduced livestock losses on farms and ranches, as well as the adoption of all other practices which insure increased efficiency. Keeping pace with the increased efficiency on the production front are the livestock marketing, processing and retailing branches of our industry.

"Turning now to the progress of the program for meat during the past year,

we are pleased to report that meat research has been supported at five educational institutions—the University of Wisconsin, Armour Research Foundation at the Illinois Institute of Technology, University of Illinois, University of Minnesota and University of Pittsburgh.

"As an organization we can look back with satisfaction upon the results revealed through 75 research projects supported by the Board at thirty different institutions across the country—from Leland Stanford University on the west to Columbia University on the east, and from the University of Minnesota on the north to the University of Texas on the south.

"These fact-finding studies have placed meat in a new light—have shown the importance of meat in the diets at all age levels—revealed that meat is a rich source of the essential nutrients, and have thrown more light on the role of meat in the diet in the treatment of various diseases. Much has been revealed through research but the opportunities for further research are practically unlimited.

"The program designed to make possible the dissemination of the facts about meat to the nation has gone forward with increasing effectiveness this past year. Many media have been used to good advantage in bringing the meat story to homemakers, nutrition workers, physicians, dietitians and others in the professional field, educators and other groups as well as the public generally.

"Mindful of the fact that this nation is faced with an emergency and that meat is a vital component of the rations of the men in service, the Board has conducted meat training programs for the armed forces. Programs featuring lectures and demonstrations in meat cookery, defrosting of meat, storage and refrigeration of meat and the utilization of bones and fat, have been conducted at 33 Army posts and at 48 Air Force bases.

"To a large degree any success which has been attained during the year in furthering the interests of meat reflects the fine cooperation extended by all branches of the industry including the many industry publications—market, farm, livestock and meat trade papers. These have performed yeoman service in every phase of the program. They have at all times recognized the importance of livestock and meat in the nation's economy, and its contribution to the health of 156,000,000 people."

Dr. C. A. Elvehjem, head of the Department of Biochemistry of the University of Wisconsin spoke on "The Importance of Food in Preventive Medicine" and declared that "if we would get the average medical practitioner to use our present knowledge of nutrition effectively, we would see distinct improvements in the health of our people. He declared that every patient wants dietary advice, but unfortunately the medical people often are not trained to give this advice. The doctor, he said, must be given the correct information to transmit to his patient. He referred to the mistaken idea in vogue not so many years ago in which the physician often advocated the removal of meat, eggs and other high protein foods from the diet.

"In contrast today," he said, "think of the dependence now placed on protein in the treatment of patients who have been injured or who have undergone sur-

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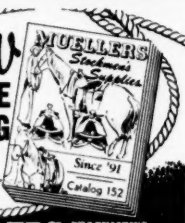
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gical operations, or of the importance of proteins in the resistance to infections. Today, we hear about the high protein diet in the treatment of diseases of the liver, in reducing diets, etc."

Dr. Elvehjem paid tribute to the meat packing industry which he said has contributed greatly to the treatment of disease through the products, insulin and liver extract. In 1922, insulin became available for the treatment of diabetes, he pointed out, and in 1926 liver extract was first used for pernicious anemia.

The speaker also referred to the value of the many meat products, high in protein, for infant feeding, of their value during fever where there are protein losses, and of the importance of the proper foods for the degenerative diseases.

Albert K. Mitchell, a director of the National Livestock and Meat Board and a New Mexico rancher, told of attending a recent meeting in Washington concerning foot and mouth disease. He said that Canada has been active in an effort to bring the February outbreak of foot and mouth disease under control. All shipments of animals and meat products to the United States before the disease was properly diagnosed have been traced and the danger period appears to have passed. He said satisfactory reports continue to come from Mexico where the disease broke out months ago and has been subject to a battle or eradication by vaccination.

Dr. C. D. Van Houweling, assistant executive secretary of the American Veterinary Medical Association, made a report on the recent outbreaks of anthrax in the United States. Ohio has some 250 farms having the disease this year and heads the list of some six or seven hundred farms having the disease this year in what he called new areas.

R. B. Davis, director of the information department, assisted by H. H. Bigger, K. R. Franklin and Jane Hackney, outlined plans for selling America on meat and keeping it sold through spot news items for newspapers, stories of the industry for magazines and radio programs and special campaigns.

H. W. Farr, chairman of the meat judging contests, praised the cooperation he has received from the managements of various shows and individuals. He said that 19 states have teams participating in the contests sponsored by the Board and that four shows were listed as sponsoring these contests—the International at Chicago, American Royal at Kansas City, Eastern National at Baltimore and the Southwestern Exposition and Fat Stock Show at Fort Worth.

M. O. Cullen, in charge of the meat merchandising department, made a report on the armed forces program in the use of meat.

Two charter members of the organization, Thomas E. Wilson, Chicago meat packer, and R. C. Pollock, present secretary-manager of the board were in attendance. Jay Taylor, Amarillo, Texas, ranchman who is chairman of the board, presided at the two-day session.

Taylor announced during the meeting that the Texas and Southwestern Cattle Raisers Association was the largest contributor to the Board, having contributed \$145,789.15 for the period April, 1938, through May 31, 1952, an average of more than \$10,000 per year.

The Cattleman—Subscription rates: One year, \$2; three years, \$5; five years, \$8; foreign, one year, \$4.

CHUCKWAGON

By CHARLIE, the cook

"If yore golden-brown biscuits is cooked, would it be askin' too much to borrow our fire to toast th' ends o' these brandin' irons?"



FROM Mrs. Frank D. Wilson of the 7(L Ranch near Pagosa Springs, down under the rim of the San Juan Mountains in southern Colorado, comes one of the most fascinating recipes we've tried in many a moon.

In fact, we can't recall when the postal gentleman has plodded around our way



with a more enticing idea for food fixin' than when he brought Mrs. Wilson's formula for French Fried Liver.

And we're passing it along, as it's served up at the 7(L Ranch, which is like this:

Clean calf's liver and cut into strips, as you would cut potatoes for French frying. Dip these strips into beaten egg and then roll in a mixture of one-half corn meal and one-half flour until well coated. Fry in deep fat that is hot enough to brown a stale bread crumb in 60 seconds. Fry strips until golden brown, which doesn't take long. Then remove from the deep fat and drain on paper toweling. Season with salt and pepper and serve with a spicy tomato sauce. Dip strips into sauce and eat with fingers.

Mrs. Wilson writes: "I clip your recipes and paste them in my favorite recipe book."

Thanks, Mrs. W.—we're going to clip this French Fried Liver number and paste it in our own book.

Out at our home camp Mrs. Charlie has the summer dessert situation lasoed and hog-tied in a way that pleaseth me mightily. It's a simple little cake trick that's meeting with a lot of popularity these warm days, and here's the way it's done:

INGREDIENTS: One large angel food cake (store boughten to save time and work); one pint of vanilla ice cream; one pint of strawberry ice cream; one-half pint of whipping cream.

METHOD: First, whip the cream, then cut the cake in three layers. Spread one layer with the vanilla ice cream and the other layer with strawberry ice cream, stacking one layer on the other. Put on the top section and ice over the cake with whipped cream. Place in freezer chest and slice from it whenever you feel inclined. Of course, you can vary the ice cream to suit your own taste.

This dessert will keep indefinitely—if you don't go too often to the freezing compartment.

The Mexicali Rose so famed in song probably never specialized much in the culinary arts, but she would have found something to sing about in this recipe which bears the same name—Mexicali Pot Roast. Once you've tried it you'll find it has a lot of lilt and rhythm. Here's the pitch:

INGREDIENTS: One three-pound beef chuck pot roast; one teaspoon salt; one-eighth teaspoon cayenne; one teaspoon dry mustard; one-fourth teaspoon ginger; one-half teaspoon thyme; one bay leaf, crumbled; one teaspoon minced garlic; one-fourth cup minced parsley; one-half cup water.

METHOD: Rub roast with salt and seasonings, then dip in flour. Brown on all sides in hot fat. Add remaining ingredients. Cover tightly and simmer until tender, about two and a half to three hours. If desired add whole vegetables during the last 30 to 45 minutes. Thicken sauce for gravy. This recipe serves six to eight.

Unless you've got a big garden, or a well-stocked vegetable shelf, you may have to send the old man to the cross-



roads grocery for a buggy load of fixin's, but when he gets back you can whip up a summer salad that's got everything, and which makes a practically complete

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meal for eight. It's a seven-in-one salad which is made like this:

1.—One cup of canned (or cooked fresh peas) and one-fourth cup of mayonnaise.

2.—One and a half cups of diced cooked potatoes; one tablespoon shredded onion; one-fourth cup diced celery; one-third cup mayonnaise; salt to taste.

3.—One large cucumber sliced thin; one-fourth cup of mayonnaise.

4.—One cup of canned beans; one teaspoon of shredded onion; one-fourth cup of mayonnaise.

5.—One cup shredded raw cabbage; one-fourth cup shredded raw carrots; one-fourth cup mayonnaise; salt and pepper to taste.

6.—Three tomatoes sliced thin; one-third cup mayonnaise.

7.—Four hard-cooked eggs cut in halves; one-fourth cup mayonnaise. Do not mix.

METHOD: Mix each of the sections separately and chill. At serving time place a large lettuce leaf on each plate and place on it a triangular section of each salad, making six sections. Put one-half egg in the seventh section and put mayonnaise over egg. The tomato and cucumber sections should have the slices overlapping each other. Garnish each plate with a stuffed olive and radishes cut rose fashion.

Now that the spring lamb crop has been processed here's a good way to use up some of it—an extraordinarily good recipe for Stuffed Lamb Chops:

INGREDIENTS: Four rib lamb chops; two tablespoons butter or margarine; three-fourths cup of soft bread crumbs; one-eighth teaspoon pepper; one-third cup mashed pineapple; one-third cup of chopped canned peaches; one teaspoon of salt.

METHOD: Have lamb chops cut two inches thick with pocket from rib side. Remove fell. Melt butter or margarine, add crumbs, fruit and seasonings. Stuff chops with fruit mixture and place on broiler rack. Insert broiler pan so that top of meat will be three inches from heat. When one side is brown season with salt and pepper. Then turn and finish cooking on other side. Season. Allow 10 minutes of cooking on each side.

Got a good recipe you'd like to share with the neighbors? If so, send it to Charlie the Cook, care of The Cattleman. Or, if there's any particular recipe you'd like to have, ask Charlie. He'll round it up for you.

Harding & Harding Move

THE livestock insurance firm of Harding & Harding, until recently located at the Chicago Stock Yards, has moved its offices to Geneva, Ill. The firm established by the late Frank W. Harding, Sr., in 1939, is operated by Frank W. Harding, Jr., and Clinton K. Tomson, for many years secretary of the American Shorthorn Breeders Association who resigned recently to join the insurance firm.

The address of Harding & Harding in Geneva, Ill., is 125 South Third Street.

A Champion Conservationist

By CAS EDWARDS



Captain Ray Williams of the Texas Game, Fish and Oyster Commission, pioneer eagle killer and wild life conservationist of West Texas.

RAY WILLIAMS began hunting predatory animals and birds in 1915 when he was only a schoolboy working on a ranch near Fort Stockton. Nearly every day in the spring, he noticed Mexican eagles swooping down out of the sky and killing new-born lambs. And they often killed lambs in such great numbers that many ranchmen were put out of the sheep business.

After watching this wholesale destruction day after day, Ray decided to do something about it. He went to town and traded for a good pump shotgun and a fast cowpony. Then he reappeared at the ranch loaded for business. Patrolling the pasture next day, he soon spotted an eagle eating a lamb. Carefully he worked up close then suddenly charged and shot the bird before it could get out of range. By constant practice, he soon became an expert at stalking eagles and killing them. After that, his services were

sought and well paid for by many ranchmen.

Finally Ray bought a sturdy second-hand car and used it instead of his pony to rush eagles and kill them while eating prey on the ground. In the car, he carried his bed roll, groceries and hunting supplies.

Thus equipped, he camped out on the range to lose no time in getting the largest possible number of eagles, wolves and panthers that continually destroyed cattle and sheep.

During his next several years of hunting predators by automobile for cattle and sheep ranchmen, Williams found that the Mexican eagle topped the list as an enemy of young sheep, goats, antelope and deer.

Finding that his best efforts were making only a very small dent in the eagle and coyote population, Williams persuaded Ray Baumgardner, a young

pioneer aviator of Fort Stockton, to join him in a trial at hunting from the air. Since Baumgardner was a clever pilot and Williams a dead shot, they at once began shooting eagles and other predators from the air in astonishing numbers. Ranchmen who could afford the price of \$10 to \$20 per hour employed them. But to many, the cost seemed too high for those days of low-priced livestock, so the boys had to cease operations even though they had proved that hunting by airplane was the most effective method of eagle and coyote extermination.

In 1929, Ray Williams was employed by the Texas Game, Fish and Oyster Commission as game warden over many counties of West Texas. In this new job he traveled the mountains and plains from San Angelo to El Paso enforcing game laws and devoting more time to his hobby, the further study of wild life



Left: J. O. Casparis, manager of Starnes Field, Alpine, has killed more than 6,000 eagles, hundreds of coyotes, as well as panthers, bobcats and other predators in the past 12 years. Except for Casparis many sheepmen of the Big Bend area would be forced out of business. Right: Former Governor of Texas Coke Stevenson, in foreground looking at the first antelope which he killed October 2, 1944, to open antelope hunting in the Big Bend country after a 43-year ban on hunting this animal.

and livestock preservation. Winter and summer he traveled and camped on mountains 7,000 feet up, or down in rugged canyons and along the river banks, in quest of lawbreakers, as well as for more information in the riddle of wild-life and livestock conservation.

In some eagle nests high in the mountains he discovered as many as 34 carcasses of young antelopes in addition to the remains of other young animals. These findings further proved to Ray Williams that the Mexican eagle was the greatest destroyer of all predators.

In May 1932, Ray was called upon to go to the Frank Jones ranch near Fort Davis and try to stop unusual eagle depredations. In eleven days hunting on this ranch and adjoining ones he killed 41 eagles. However, he was never able to get a shot at the main bird of destruction, known as Outlaw Spot. Although Ray saw Outlaw Spot through field glasses most every day, he was always flying too high and fast to offer even a half-way target. Spot was easily recognized on account of his enormous size and the white spot on each wing tip and on the end of his tail. Ranchmen estimated that this big eagle had destroyed at least 1,000 lambs and several hundred young antelope and deer in the four years he had ranged in the Davis Mountains. And considering the fine sheep raised in this region, the damage was easily several thousand dollars besides the irreparable loss of the rare and valuable wild life of this mountain vacation land of Texas.

After several more days of futile effort in trying to bag Outlaw Spot, Frank Jones and other ranchmen approved Ray's recommendation to get Ray Baumgardner to fly over from Fort Stockton and try for the big bird by airplane.

Next morning Williams met Baumgardner at the Marfa Airport and together they took off at nine o'clock. In a few minutes they were over the hunting grounds in the Davis Mountains, 20 miles to the north.

Circling about, they could see ranchmen below in cars and on horseback rid-

ing in all directions scaring eagles from the ground and keeping them in flight. Ray Williams described the day as very clear with a mild wind from the southwest to make it ideal for hunting. Continuing further, he said, "When George Willoughby and Frank Jones jumped two big birds from a high bluff we dived downward and saw what we were hoping for—Outlaw Spot and his mate. The two were flying unusually fast, but Spot's mate was no match for our speedy three-place monoplane. Rapidly overtaking her she dropped to earth with my first shot.

"In a tremendous burst of speed Outlaw Spot headed for the high rugged Blue Mountains which were full of bad

air currents and dangerous bluffs. With throttle wide open we were getting near enough for a good shot when Spot suddenly dived down and dodged back under the nose of the plane, then streaked to the left on the opposite side so that we had no chance at him. Making a steep bank and leveling off in a new direction, we were closing in on him again when he began a rapid climb which was an amazing display of flying speed and strength. We followed him up until the air became so cold and thin that we lost most of our speed. Presently we hit an air current with such an upward lift that we rapidly gained on Spot again. Seeing our advantage, the crafty old eagle quit climbing and once more headed for the Blue Mountains as he lost altitude and gained speed. Baumgardner dived with throttle wide open, overtaking him before he reached the rocky crags of the big mountain.

"At last in range, I quickly pumped two deadly loads of BB shots into this game and powerful old bird. He fell earthward, landing near the car of Frank Jones, to end his destructive career as champion killer of young lambs and fawns. After bringing down Spot, we continued to fly about until we found and shot down three more eagles to add to the day's kill.

The ranchmen were more than pleased with the day's hunt and gladly paid Baumgardner \$125 for his five hours flying time. "They were convinced," continued Williams, "that eagle hunting by air was the only sensible method of ridding the country of the deadly Mexican bird that was ruining ranchmen and destroying so much wildlife."

The killing of Outlaw Spot in May 1932, was a pioneer move that caused more and more ranchmen to employ aviators to hunt eagles and other predators, until today nearly every western town has an aviator-hunter on call to help any stockman who is being troubled by eagles and other predators.

In the years following, Williams con-



One of the hundreds of fat antelope that now range on the highlands of Texas, west of the Pecos. — Photo by Chas. Hunter.



On October 2, 1950 Governor Allan Shivers (right) killed his antelope with one shot at 7:15 A.M. on the Kokernot Ranch north of Alpine. Alpine was headquarters for the first three days of the hunt, Marfa the second three days and Van Horn the final three days, ending October 10. Total antelope killed during hunt was 385.— Photo by Chas. Hunter.

tinued his encouragement of eagle killing from the air, and often rode with the aviator and did the shooting. In time ranchmen began raising fine flocks of sheep in areas that had been useless ranchland because of eagle and coyote destruction. J. O. Casparis, manager of Starnes Air Field in Alpine, is one of the leading eagle hunters of West Texas. He had killed 856 eagles, 209 coyotes and 18 bobcats in the year ending March 1, 1946, and his total kill of eagles to date is over 6,000, besides many hundreds of coyotes and other predators.

This enormous destruction of predators enabled the antelope to increase so rapidly in the Big Bend area, west of the Pecos that the first open season on antelope in over 40 years was declared by the State of Texas for Oct. 2, 1944. Former Governor Coke Stevenson was in Alpine on that opening date and killed the first buck of that season at sunrise on the Kokernot ranch. Since that time, many hunters have visited the highlands of Texas each year for the antelope hunt which is supervised by many game wardens from our various counties.

Captain Ray Williams is always on hand to welcome all game wardens and hunters and to see that their visit to the highlands of the Big Bend country is a pleasant one.

Besides being interested in the increase of wild life on the plains and mountains of West Texas, Williams also studies, works and advises on best methods of increasing the game and fish population of this area. Many times each year he is called upon by schools, colleges and clubs for lectures and advice on wild life subjects, and in every instance he has always answered the call if at all possible.

Despite 37 years of study and labor which began when he was a schoolboy back in 1915, Capt. Ray Williams has never lost one bit of interest in wild life and livestock conservation. With Capt. Williams it is an avocation as well as a vocation which makes him one of the most valuable men of the day in Texas wild life conservation.

Dr. A. D. Weber to Become Dean at KSC September 1

DR. A. D. WEBER, popularly known as "Dad" Weber by his many thousands of admirers among the livestock fraternity, will become dean of agriculture and director of the experimental station at Kansas State College September 1 upon the retirement of R. I. Throckmorton. The Board of Regents approved the advancement for Dr. Weber in Topeka May 23. Dr. Weber has been associate dean and associate director of the experiment station for the past few years.

Rules of Kansas State College demand that those in any administrative capacities must retire when they reach the age of 65 years. Throckmorton, a widely recognized authority on agricultural affairs, will retire and become a full professor.

The many friends of Dr. Weber hope that his new position will not make it necessary to curtail his many activities in the field too greatly.

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To rise upon some other shore,
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They shine forevermore.*

J. L. McCreery

Archie Parkes

Archie Parkes, Hereford breeder of Vaughn, Mont., died June 2 on a train en route to Johnson City, Ill., where he was to meet Mrs. Parkes who had been called to Illinois by the illness of her mother. Parkes became interested in Hereford cattle in 1941 and founded a herd that within a few years achieved recognition at many shows and fairs including the Pacific International. He is survived by his wife; two daughters, Mrs. Glen Haynes, Jr., Great Falls, a brother, Audrie Parkes, Moscow, Idaho, a sister, Mrs. G. D. Thornton, Spokane, Wash., and five grandchildren.

Wick Waters

Wick Waters, old time cowboy and member of a pioneer ranching family, died recently at Mangum, Okla. He was the son of the late Ben Waters who ranched in Young and Archer counties in Texas and one of five brothers, Jack, John, Wick, George and Sam, who settled at Graham, Texas and came to Oklahoma in 1886.

Charles Buchanan Crawford

Charles Buchanan Crawford, member of a pioneer Texas ranching family, died June 8 at the age of 95. Crawford had

been in the cattle business since the age of 14 when the death of his father forced him to take over the management of the family ranch until his retirement in 1943 at the age of 86. He had been active for several years in the cattle tick eradication program and a long time member of the Texas and Southwestern Cattle Raisers Association. He married Miss Helen Hornsby in 1919 and the couple made their home on Crawford's ranches in Hays and Comal counties and in San Marcos. Besides the widow he is survived by a sister, Mrs. Ida Rylander of Fort Worth and 22 nieces and nephews.

Charles Culbertson Forbes

Charles Culbertson Forbes died at his ranch home in Tarpley, Texas, June 12, at the age of 49 years. Born in West Texas in 1902, he came to Hebronville some 22 years ago and had been associated with the automotive industry until the time of his death. He is survived by his wife, Mrs. Lillian Forbes, three sons, Marlin, and Lewis, of Hebronville, and Charles, Jr., of the USMC stationed in California; and one daughter, Mrs. Robert Becker, of Hebronville; and four grandchildren, Marlin, Jr., Nanette, Lewis, Jr., and Marion, all of Hebronville; and numerous brothers and sisters.

John Preston Goen

John Preston Goen, old time Pitchfork Ranch cowhand in later years a rancher near Dickens, Texas, died in Spur, Texas, June 12, at the age of 81. Goen was born in Johnson County, Texas, and at the age of 14 came to the Pitchfork Ranch where he was employed

for 25 years and during which time he married Miss Ora Blackwell. In 1910 the couple established their home on their own property northwest of Dickens which they operated more than 40 years. Ill health forced the family to move near Spur where medical aid was more easily accessible. He is survived by his widow; a son, Guyand, two grandsons, Guy Hugh and John Preston, all of Spud.

W. L. Corn

W. L. Corn, Tarrant county cattleman and rancher, died in a Fort Worth hospital June 6 after suffering a second heart attack. He was 71 years old. Corn was the son of the late J. W. and Hester Matthews Corn and lived at his ranch home southwest of Benbrook. He is survived by his wife and a daughter, Miss Elizabeth Corn of Dallas.

Joel Elroy Carson

Joel Elroy Carson, rancher and Town Clerk of Lovington, N. M., died June 7, at the age of 51. Carson had been engaged in ranching in Lea County for about ten years. His former home was Sierra Blanca, Texas. At the time of his death he was operating a ranch northwest of Lovington.

William H. Hoover

William H. Hoover, owner of Willow Creek Ranch, Belt, Mont., and president of the Anaconda Copper Mining Co., Butte, Mont., died at his home in Butte June 7 at the age of 63. Hoover started out to be a lawyer and it was when he became associated with the late Sam Stephenson in the law business that he joined Stephenson in the purchase of a 1,720 acre ranch at Belt, Mont., which

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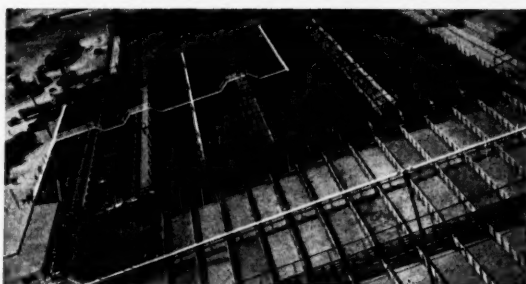
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eventually expanded to 6,500 acres, and became the Willow Creek Ranch. Herefords from Willow Creek Ranch have gone to many parts of the country. Survivors include his wife, a son, John M. Hoover, who has been active in the ranch affairs; a brother, Vice-Adm. John H. Hoover, U. S. Navy; and a sister, Mrs. Paul Morrison, Clearwater, Fla.

Cecil H. Arvin

Cecil H. Arvin, 71, died June 6th, 1952, at his ranch near Sanderson. Born at Mexia, Texas, on March 14th, 1881, Arvin came to West Texas in 1897 and worked on the A. G. Anderson ranch near Colorado City. He moved to the Sanderson-Fort Stockton area the next year, and has ranched in Pecos and Terrell Counties since that time. At the time of his death he was in partnership with his nephew, Sid Harkins, on the Arvin ranch north of Sanderson. The partners were breeders of Angus cattle as well as sheep. Arvin was married on October 6, 1909 to Miss Josephine Corder. Survivors include the widow, of Sanderson; two brothers, Dr. Nolan Arvin and Dr. Herbert Arvin, and a sister, Katherine Arvin, all of Brownwood.

John M. Collins

John M. Collins, editor of the Weekly Star Farmer, Kansas City, Mo., and widely known among stockmen and farmers throughout the Southwest, died May 22 at the age of 61. Collins was born in Topeka, Kans., and had been associated with the Kansas City publication for 33 years. Prior to joining the Weekly Star Farmer staff he had been with the Winfield Free Press and Courier, the Topeka Daily Capital and the Kansas City Star, joining the latter in 1917. He was an excellent writer on livestock and agricultural subjects and was a member of the board of directors of the American Royal Livestock and Horse show. He is survived by his wife; a son, Capt. John M. Collins, Washington, D. C.; two sisters and a grandson.

John T. Emmert

John T. Emmert, veteran Denver livestock commission man, died June 4 following a lengthy illness at the age of 77. Emmert was born in Osborn, Ill., and learned the cattle business from his father who owned J. P. Emmert & Co., at St. Joseph, Mo. Later the firm was known as Thompson, Bohart & Emmert and still later it was changed to Thompson, Drinkard & Emmert, finally becoming Drinkard & Emmert in 1904. The firm moved from St. Joseph to Denver in 1917 and several years ago was sold to the Producers Livestock Marketing Assn. Emmert retired from active business in 1945. Survivors include a sister, Mrs. J. J. Drinkard, Denver; two nephews, John E. Drinkard, Denver, and Wm. Drinkard, Detroit; and a niece, Margaret Ann Hilbert.

James Marion Showalter

James Marion Showalter, rancher and cattleman of Navasota, Texas, died at his home following a lengthy illness, at the age of 79. Showalter came to Texas from Illinois when he was 18 years old and moved to Brazoria County, where he married Lydia Pearl Harrison at Velasco in 1895. He later moved to Grimes County, where he was city commissioner of streets at Navasota for 16 years. He retired to his ranch several years ago when his health began to fail. He is survived by two daughters, Miss Hallie

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Del Rio	Grady Lowrey	Ozona	Houston S. Smith	Uvalde	W. F. Hare

Showalter of Navasota and Mrs. Thelma S. Bedinger of Dallas; two sons, W. P. of Stephenville and Albert Lee of New Gulf; a sister, Mrs. V. C. Robinson of Los Angeles; six grandchildren and two great-grandchildren.

Mrs. Mary Ellen Trent

Mrs. Mary Ellen Trent, pioneer ranchwoman of the Eskota area since 1883 and for whose husband the town of Trent was named by mistake, died in Merkel June 14 after an illness of seven weeks at the age of 91. "Grandma" Trent, as she was known, was born in Gonzales county and came to what is now Eskota with her first husband, Littleton Vickers, in 1883. They lived on various ranches in the Eskota section and after Vicker's death she came to Eskota where she married I. R. Trent, for whom the town of Trent was named, but it was supposed to have been for the Eskota station. Mrs. Trent recalled a few years ago. Survivors include three sons, J. E. Vickers, San Antonio; D. I. Trent, Eskota, and E. O. Trent, Midland; and a daughter, Mrs. Frank Allyn, Trent.

Gene Howe

Gene Howe, 66, publisher of the Amarillo Globe News was found dead in the back seat of his car June 25 on the outskirts of Amarillo, a revolver in his hand. He suffered a heart attack several years ago and had been concerned over his health ever since. Howe bought a ranch on the Canadian River 15 years ago which was one of the show places of the Panhandle. He owned a herd of registered cattle, but he was more interested in propagating wild life on the ranch. He

was the son of Ed W. Howe, for years famous as editor of the Atchison, Kans., Globe. He is survived by his wife; a daughter, Mrs. Shelby Kritser and a sister, Mateel Howe Farnham who lives in Connecticut.

Ed Hoffman

Ed Hoffman, Ida Grove, Iowa, one of the nation's outstanding cattle feeders, died June 7, at the age of 87. Hoffman was well known among cattlemen throughout the middle and Southwest, having won many grand championships at the nation's leading livestock shows on cattle he had fed. His sons, Karl and George Hoffman, will undoubtedly carry on in the feeding business.

About a Third of Huge Matador Ranch Sold

REPORTS indicate that about a third of the huge 900,000-acre Matador Ranch which was bought from the original British and Scottish owners by an American syndicate about a year ago, has been sold in spreads of 20,000 to 116,000 acres.

The largest deal, involving four tracts in Motley County, was made by the Fred C. Koch interests of Wichita, Kans. Involved in the transaction are the Rodatam, Wolf Creek and Teepee Cattle Company sections of the vast ranch.

A group of Panhandle men are reported to have purchased approximately 70,000 acres of the colorful Alamocitas pasture in Oldham County together with 2,800 head of cattle. The buyers are the Mansfield Cattle Company, Jack Mansfield, C. C. Wimberly and Montgomery

Brothers, all of Vega, Texas, and Billy Curry of Garden City, Kans.

L. B. and H. H. Campbell of Matador, Texas, are reported to have bought the 20,000-acre Mott Creek spread.

Two Midland, Texas, ranchers, Clarence Scharbauer, Jr., and Foy Proctor, recently purchased 114,000 acres of what was known as the Alamocitas Cattle Corporation ranch. Proctor purchased 47,000 acres from the Pedarosa Cattle Company west of Channing in Hartley County and Scharbauer bought 67,000 acres of the old Alamocitas pasture northwest of Vega in Oldham County.

A total of 16,000 head of cattle went with the transactions. Figuring the cattle at current prices, it is apparent from the sale of stock that the land with part of the mineral rights has been valued at about \$30 an acre. Although no purchase price was revealed, it was estimated that Scharbauer and Proctor paid around three and a half million dollars for their spreads. No cattle were involved in their deals.

Thus it appears that about 320,000 acres of the huge Matador Ranch have been disposed of and additional deals are rumored to be in the making.

The American syndicate last July divided the Matador Ranch into fifteen separate units. Five blocks were in the Panhandle and the other ten on the South Plains, mostly in Matador County. Three large blocks of the Alamocitas division and six blocks in the South Plains remain in possession of the new owners. The blocks vary in size from 15,000 acres to 75,000 acres.

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*Owned jointly with Harriadsdale Farms

IN the recent Pearson Dispersion the sons and grandsons of the illustrious Register-of-Merit Baca R. Domino 33rd again were responsible for an outstanding sale. The sale grossed over a half million dollars, with one son bringing \$51,000, and grandsons selling at \$27,500, \$26,000 and two at \$10,200. The bulls whose pedigrees appear above are also grandsons of the great "33rd" and are being mated to our very select females. We cordially invite you to visit the ranch and see these two outstanding bulls, and the calves by WHH Royal Duke 2nd. We will soon have calves by PCR Baca Patron to show you.

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We now have several calves by this top young bull and they are truly outstanding. We would be pleased to have you stop by and see his calves and the other prospects we now have.

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/Mixer's Lady 3d 2757407
/WHR True Domino 36th 2787400
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/Miss Sturgess 2189934
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/Belle Treblec 27th 1316567

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At the recent Eastern Polled Hereford Sale, Riverdale Farms of Charlottesville, Va., who are using DL Domino 39th, a son of DL Domino, sold two

Polled daughters of the "39th" for an average of \$1,775. They write they have a top group of Polled calves by the "39th" on the ground now.

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Hereford Calf and Yearling Show and Sale October 14

THE Western Nebraska Hereford Association is sponsoring the first annual Hereford calf and yearling show and sale to be held at Alliance, Neb., October 14. George Heins, veteran Hereford breeder and president of the association announces that three nationally known judges will be selected to place the entries during the forenoon and the sale will start at noon. One thousand dollars in prizes will be awarded winners.

Feeder calves will be sold in loads of 20 and the yearlings will be auctioned in carload lots.

Entry blanks and other information may be secured from George Heinz through Post Office Box No. 1188, Alliance, Nebr. General plans for the event were mapped out by officials of the Western Nebraska Hereford Association, representatives of the Alliance Livestock Commission sale yards and Ray Sprengle of Steamboat Springs, Colo., Mountain States fieldman for the American Hereford Association.

Taggart Re-elected President of Wyoming Cattlemen

LOYD TAGGART, Cody, was re-elected president of the Wyoming Stockgrowers Association at its 80th annual convention held at Cheyenne June 3-5. All other officers were re-named: Clifford P. Hansen, Jackson, vice president; Norman Barlow, Cora, chairman of the executive committee; Robert D. Hanesworth, secretary-treasurer and chief inspector; and Myrna F. Agee, assistant secretary-treasurer, both of Cheyenne.

Guest speakers on the program included Sam Hyatt, Hyattville, Wyo., president of the American National Cattleman's Association; Allan B. Kline, president of the American Farm Bureau Federation; Mrs. Fred D. Boice, Sr., Cheyenne, outgoing president of the Wyoming Cowbells; and Jerry Sotola, assistant director of Armour's livestock bureau.

The association opposed Senate bill 1883 which would establish one of the ten planned regional valley authorities charging that it is designed to introduce socialism and abolish statehood; that it grants authority to a bureau to enact national legislation of its own creation without congressional action. The association suggested as a substitute for the Valley Authority Program the use of existing agencies for orderly development of land and water, and development of projects in upstream areas in strict conformity with the wishes of the people within the states.

Recommended to federal and state agencies that adequate protection be provided against the possibility of anthrax being brought into the country through imported products and cattle-men particularly emphasized that all bones and bone meal used in mixing feed and fertilizer should be subjected to pressurized heat at high temperatures.

Resolved that no effort be spared in perfecting the patrol along the Canadian border and in controlling United States-Canadian traffic in view of foot and mouth danger.

Strongly opposed the imposition of specific agricultural cash subsidies

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... and look at the Register of Merit in his pedigree!

★MW LARRY DOMINO 37th
4214428

★LARRY DOMINO 50th
2624412

{Larry Domino 2085736
{Miss Sturgess 2189934

★COLORADO PRINCESS J 65th
3197536

{Colorado Domino 236th 2434298
{Mischief Lass 62nd 1851060

★MW PRINCESS MIXER 3rd
2797214

★COLORADO DOMINO 159th
2317433

{★DANDY DOMINO 2nd 1090962
{Mischief Lass 15th 1757314

Princess Mixer W
2144798

{Hazford Rupert W. 1757076
{Mischief Lass 73rd 1934659

★Star denotes

Register of Merit!

The calves by this great individual that we now have on the ground are very promising. In our sale last fall we sold several females bred to him, and the reports from the buyers who have calves by him are most gratifying. We feel that he will prove one of the top breeding sons of MW Larry Domino 37th. A group of our top heifers have been selected to mate to him and will sell in our annual sale October 24th.

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The many top Hereford breeders that have visited our ranch have been unanimous in their complimentary remarks about the calves by the "67th." His individuality and breeding are of the best. He is by the Register-of-Merit MW Larry Domino 37th. The "67th" is a $\frac{7}{8}$ brother to the "107th."

FOR SALE
A group of top, open heifers
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"wherever they directly or indirectly affect the cattle industry," declaring that "there is danger that government management will eventually lead to lowered production of crops and meat."

Unalterably opposed price controls on meat, charging that OPS has not benefited the consumer, has encouraged black markets and has interfered with the orderly production and marketing of meat.

Endorsed a bill giving three per cent mineral royalty to owners of land under which the federal government owns the minerals.

Urged all Wyoming cattlemen to become familiar with the state Brucellosis control program and to lend their support and cooperation.

Urged prompt action by the Federal Trade Commission to curb misrepresentation and false advertising of products imitating leather.

Urged that all horse meat sold be labelled as such and that it not be mixed with other meats.

Half-Million-Dollar Texas Cattle Deal

A CATTLE deal involving 2,600 Hereford feeder yearlings at a cost of around half a million dollars was reported recently from Falls County, Texas. The cattle came from the ranches of Hillary Barganier and Ed McIntosh, both of Marlin, Texas. The buyers were two Missouri cattle feeders, C. H. Meeker of Hannibal and Herbert Richter of La Grange. They were assisted in the deal by M. L. Hoppel of Amarillo. Barganier sold 1,600 head and McIntosh 1,000.

When put on the Barganier-McIntosh range last December, the yearlings averaged 354 pounds. At shipping time they weighed slightly more than 600 pounds.

While no definite price for the cattle was revealed, it was understood from reliable authorities that the deal involved about half a million dollars.

The cattle have been put on pastures in Missouri where most of them will be fed out, the buyers said.

South Dakota Cattlemen Meet

SOUTH DAKOTA stockgrowers, meeting in Aberdeen, June 11, demanded that the Federal Meat Inspection Service revoke the approval of horse meat in hamburger and sausage; urged extension of brand inspection; opposed marketing quotas; requested that all livestock markets where the association maintains brand inspection service, pay the additional amount required to support the service where fees collected do not pay for all of the cost of the service; asked that livestock auction markets in the state be declared "public utilities" and "put under the public utility commission"; urged state sanitary officials to recognize BAI quarantines in the event of a foot and mouth outbreak in the United States; and requested that officials refrain from establishing general state embargoes if the disease gets into this country.

Ralph Jones, Midland, was elected president succeeding John Sutton, Agar. Harry Blair, Sturgis, was elected vice president.

Deadwood was selected for the 1953 convention.

ANNOUNCING

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Proud Mixer

LOT 1 — BULL, for Reference and Sale

PROUD MIXER WHR 63d 4467979

Calved April 21, 1945

Tattoo R-26

WHR PROUD MIXER
21st, 3731225WHR Princeps Mixer
2629496WHR Princeps Again 2728111
Greta Mixer 2288109WHR Emily 3d
3139966WHR Worthy D. 18th 2428109
WHR Worthy Maid 2d 2344467MISS PUB. DOMINO
63d, 3697072Publican Dom. 123d
3228090Publican Dom. 10th 2051829
Marietta Domino 2d 2150300Lady B. Dom. 40th
1875790H. Beau Blanchard 1567567
H. Lady Domino 4th 1637630

"MIXER" is the sire of practically every young bull and heifer selling. All calves at foot are by him and all the bred females are mated to him.

Proud Mixer

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PROUD MIXER WHR 63d SELLS

Selling 221 Head:

25 Bulls

90 Cows with 60 calves at foot

46 Heifers

(most of them are open)

September 1, 1952

Miami, Oklahoma

21 sons of Proud Mixer WHR 63d sell, 46 daughters sell and the cows have calves at foot by him and/or bred to him. He is considered one of the great sons of WHR Proud Mixer 21st. Among his good sons are Proud Mixer's Heir, chief herd sire for Blocked L Ranch, Bryson, Texas. The 21 sons of "Mixer" selling include two young show bulls and other young prospects. Other bulls offered are BB Tone 58th, a six-year old grandson of Hazford Tone 76th; CK Kingcraft 15th, a five-year old son of CK Cruiser D 23d and HCR Plus Domino 46th by TT Royal Plus 9th, a senior yearling from the Honey Creek Dispersion.

The 90 cows are mostly our original foundation herd. All but nine head either have calves by and rebred to or bred to "Mixer" and the others are bred to CK Kingcraft 15th. In the careful selection of our foundation herd we purchased 26 females from CK Ranch, Brookville, Kansas; 7 daughters of Royal Essar 8th from H. N. Arnold, Buffalo, Oklahoma; 35 females from Colvert Ranch, Mill Creek, Oklahoma, and 6 daughters of T. Royal Rupert 116th from Carpenter Hereford Ranch, Ada, Oklahoma. Most of the remainder of the 90 cows are granddaughters of Hazford Tone 76th produced from these foundation cows. All foundation cows are coming with second or third calves.

The 46 heifers are all daughters of "Mixer". Fifteen have been bred to a double bred son of MW Larry Domino 46th, noted herd sire of Good As Gold Herefords, Enid, Oklahoma—a son of Larry Domino 50th. More than 20 of the open heifers are of breeding age.

Auctioneers: Jewett Fulkerson, Ray Sims and W. H. Heldenbrand.

For catalogs and sale information write: Fulkerson Hereford Sale Service
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Sale at the Ranch located east of Miami, Oklahoma, 4 miles east on State Highway 10 to ranch sign, then north 1 mile and east 1 mile on all weather road.



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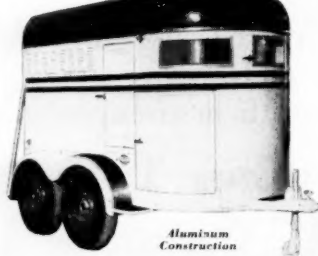
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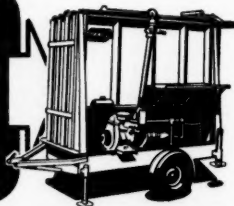
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Reelect National Western Stock Show Officers

ALL officers of the Western Stock Show Association which sponsors the National Western Stock Show at Denver, were reelected at the annual meeting held recently. Wilson McCarthy, president of the Denver & Rio Grande Western Railroad, was renamed president by the board of directors, with Charles A. Shinn, Denver, as first vice president and Albert K. Mitchell, Albert, N. M., second vice president.

Al Reinhardt was reelected secretary-treasurer and John T. Caine III will continue to manage the National Western.

Directors reelected with terms ending in 1952 include: Field Bohart, Herb Chandler, C. D. Darrigarran, Emmett Dignan, Thomas A. Dines, W. D. Farr, Harold Fulscher, Edwin H. Grant, Carl Henry, Robert W. Lazear, J. R. Lowell, John MacKenzie, Wilson McCarthy, Henry Mitchell, Warren Monfort, Stafford Painter, Earle Reed, Arthur A. Smith, T. J. Tynan, Henry Van Schaack and J. B. Welborn. Also elected was W. B. Hamilton, Wichita Falls, Texas. Carroll Sack was elected to fill the term of the late Charles G. Smith.

The association reported a net operating gain of \$12,816 on the 1952 show, compared with a loss of \$18,790 on the 1951 show.

Re-elect Officers of PHBA

ALL officers of the Palomino Horse Breeders of America were re-elected at the annual convention of the association held at Mineral Wells, Texas, June 7-8. Glen O. Perkins, El Cajon, Calif., is president, and vice-presidents are: Frank J. Egner, Findlay, Ohio; Leon H. Harms, Albuquerque, N. M.; C. E. Botkins, Abilene, Texas; Miles Hart, Cozad, Neb., and Howard Harris, Jr., Woodstown, N. J.

Dr. H. Arthur Zappe, Mineral Wells, is secretary-treasurer.

Members of the executive committee in addition to the officers are A. B. Jenkins, Safford, Ariz.; A. K. Kaufman, Appleton, Minn.; W. E. Krumrei, Enid, Okla.; Fred Parnell, Mineral Wells; Glen Casey, Amarillo; L. B. Whittington, Brundidge, Ala., and Earl Burdson, Lebanon, Ind.

Organize One Stop Hereford Association

PLANS for the 1952 show and sale to be held at Lovington, N. M., November 24-25 were discussed at the organization meeting of the One Stop Hereford Association at Lovington June 4. The new association which is an expansion of the Lea County Hereford Association, affords an opportunity for Hereford breeders anywhere to become members. Heretofore membership was confined to Lea County.

E. D. Holt, Tatum, N. M., was elected president; H. J. Burns, Lovington, vice president; Al Woodburn, Roswell, N. M., vice president, and T. C. Perkins, Lovington, secretary.

Besides the officers, the board of directors includes R. U. Boyd, Carlsbad, N. M.; Curtis Hill, Tatum; Bert C. Roy, Rogers, N. M.; J. T. Easley, Lovington; Joe James, Tatum, and Frank Crockett, Hope, N. M.

The Cattleman's

WASHINGTON ROUND-UP

By THE CATTLEMAN'S Special Washington Correspondent

House Votes to Remove Most Price Curbs

On June 20 the House in considering the bill to extend the Defense Production Act, voted to abolish the Wage Stabilization Board and to lift price controls from almost all consumer goods. This was a staggering blow to the Administration's economic controls program. It meant that the House members want freedom and competition instead of expanding government power and socialism. Representative Talle (R) of Iowa, who sponsored the Amendment to lift price controls, saw it approved by a standing vote of 146 to 88.

Also by a standing vote of 176 to 61 the House adopted an Amendment killing the Wage Stabilization Board and replacing it with a board shorn of all power to intervene in labor disputes. This Amendment was sponsored by Representative Wingate H. Lucas (D) of Texas.

Both Amendments are subject to later roll call votes in the House, so at the time of this writing (June 21) the final outcome was still in doubt. The Senate must also be consulted for approval or disapproval. The size of the votes led opponents of the Administration's control program to believe that both Amendments will survive the later roll call test in the House.

Talle Amendment — The Talle Amendment as provisionally adopted by the House, proposes that price controls shall not be applied to any goods which are not rationed or allocated. Nothing is being rationed by the Government at the present time and only a few scarce metals are being allocated such as steel, copper and aluminum.

The Amendment removes price controls from commodities which have sold for at least three months below existing ceilings and from those which are adequate or surplus to civilian and military needs. A commodity would be considered adequate or surplus when it is not subject to allocations or rationing.

John Davis Leaves Washington

John H. Davis, executive secretary of the National Council of Farmer Cooperatives since 1944, has built an enviable record in support of the Nation's agriculture. He has served on many government and industry boards and commissions where his influence for a strong and independent agricultural economy has been expressed. He is one of the leaders in the present fight to bring a halt to the growing power of the federal government, and he has worked unceasingly to terminate price and wage controls.

Davis has announced his resignation

from the Coop Council and acceptance of the position of executive vice-president of the National Wool Marketing Corporation at Boston.

Secretary Brannan Scored for Grain Shortages—Senator James P. Kem (R) of Missouri and Secretary Charles F. Brannan met head on in a heated exchange of insults during the grain shortage investigation recently. Secretary Brannan seemed to come out second best in the battle of words in which the Senator said Brannan should promptly resign for incompetence in allowing his employees and others to defraud the government to the tune of millions of dollars while he sat quietly doing nothing.

Regardless of the outcome in the race for President of the United States, whether he be Democrat or Republican, Washington is scheduled for some important changes in high government

Agriculture Is Big Business

Latest figures released by the Department of Agriculture show the farmers are operating a pretty large business. Their land and buildings in 1951 were valued at \$73,000,000,000, machinery and equipment \$15,000,000,000, crops \$8,000,000,000, and livestock \$18,000,000,000—or a total of \$114,000,000,000.

Not only is agriculture the foundation on which rests the life and prosperity of the nation, but it also exercises great political power. Neither the Republican nor Democratic parties can count on victory in a national election without the farm vote. For this reason key members of Congress point out that the future of America rests to considerable extent on what kind of government the farmers want.

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WE ARE inseparably attached to the soil and its products. Our capital, our credit and our hopes are entwined with the feed lots, the farms and the ranges of the producing areas of the country. If they prosper, we prosper—if they advance, we do likewise.

SO, BELIEVING we are serving, appreciative of the past, confident of the future, inviting all who believe as we do to join us in sincere efforts for mutual helpfulness.

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- N M Real Domino
- N M Real Domino 26th
- N M Real Domino 36th

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- Domestic Mischief 53rd
- N M Real Domino
- Jr. Spartan 9th

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The brand is the cattleman's coat of arms. Is yours recorded?

Texas Polled Hereford News

By HENRY FUSSELL, Secretary, Texas Polled Hereford Association

WELL, well, here we are right in the beginning of summer and very little of news interest going on. However, there were two events most of you missed that were quite worth while; one the Mid North Texas Hereford Association tour. This Association is composed of both Polled and Horned Hereford breeders, and they are doing things in a business-like manner. The tour was well arranged, well conducted and a great many ranches and good cattle were seen during the day. In fact, it was one of the best arranged tours we have had the pleasure of being on, and very little time was spent driving between ranches and there was ample time at each ranch for everyone to see about every thing they wanted to see.

The tour started on Saturday morning May 31, at the ranch of Jere P. Swartzell, Cleburne, Texas, where coffee and doughnuts were served, and from there got under way to the J. B. Ranch; Diamond L. Ranch; T. R. Frost Ranch; and one of the most interesting highlights of the tour was a visit at the feed pens conducted by D. G. (Pinkey) Talbot near Aledo. Of course, the good part of the tour was the delightful luncheon served at the Bear Creek Ranch owned by Joe Winston.

After lunch the tour proceeded to the Bertram Ranch; M. O. Andrews Ranch; White Hereford Farms (Polled) operated by Hugh H. White; and then the tour ended at the Bursay Hereford Farm just South of Keller, Texas.

On the tour was a couple from way down East, Mr. and Mrs. Nord W. Patten. The Pattens are with the Bell Aircraft Corporation manufacturing helicopter machines. They reside at 7171 Richland Road, Fort Worth 11, Texas. They are also greatly interested in acquiring a herd of Polled Herefords.

The other very interesting event was the open house held on June 11th at the Double L Ranch, Cresson, Texas. A large number of interested Polled Hereford people were there and a great many should have been there who were absent. A pleasant day, abundance of hospitality by the Law Brothers and their wives, and Fred Martin, their very popular and efficient manager. Among the many fine compliments we heard while there one came from a very prominent cattleman who said: "This place could easily become the W.H.R. of Polled Herefords. They have a fine ranch, good grasses, good improvements and a very fine cow herd complemented by a battery of herd bulls that would evoke the envy of anyone interested in good cattle."

While at Double L Ranch we had an opportunity to visit with Jim Gill and Malone Mitchell. Mitchell is president of the Texas Polled Hereford Association and Jim Gill is chairman of the coming Fort Worth Show and Sale of Polled Herefords scheduled for next January 30-February 8 at the Texas and Southwestern Exposition and Fat Stock Show. Gill advised that the next Polled Hereford Show and Sale at Fort Worth would be truly a criterion of the Polled Hereford industry. Jim is a great guy to get things done, and when he sets out to accomplish something you may mark down a successful event.

We have not heard from the San An-

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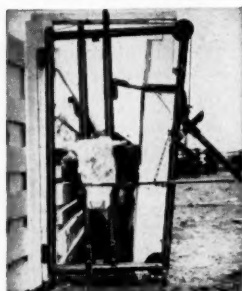
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For Illustrated Bulletin Write:

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tonio Polled Hereford Show and Sale Committee recently, but there will be a Polled Hereford Show and Sale there during the San Antonio Livestock Exposition, February 26-March 1. You will hear a great deal about this show and sale later on. The San Antonio area being a good cow country, the Polled Hereford Show and Sale at San Antonio will grow in importance by leaps and bounds.

Some of the Polled Hereford breeders in the Bosque County area advised they plan on having their annual sale on September 27. They will also have a show on September 26.

One of the most important Polled Hereford events of the coming Fall season, of course, is the Texas Polled Hereford Association sale to be held at Marshall, Texas, on November 8. This will have been the first Fall sale held by the T.P.H.A. at Marshall, but since Marshall is so well established as a Polled Hereford market the sale is destined to be a great event. This is the only event to be held by the Texas Polled Hereford Association for the balance of this year.

Come November 19, the Mid-North Texas Hereford Association will hold a sale of Polled and Horned Herefords at Cleburne. This is getting to be a very important event, an annual sale established several years ago and growing in popularity and quality each year.

Now then, Clifton, Texas, September 27th; Marshall, Texas, November 8th and Cleburne, Texas, November 19th. Hot Dawg! watch those Polled Herefords march!

Polled Herefords Show Substantial Increase

DON CHITTENDEN, secretary of the American Polled Hereford Association, reports a substantial increase in registrations and transfers for the month of May over last year. Registrations for the month totalled 7,742, compared with 4,633 the previous year and transfers were 4,915, compared with 2,703.

Illinois had the greatest number of registrations and Texas topped the transfers.

Here's how the ten leading states contributed to the increase during May:

Registrations	Transfers
1. Illinois 566	1. Texas 433
2. Texas 545	2. Illinois 398
3. Iowa 438	3. Mississippi 347
4. Kansas 372	4. Kentucky 267
5. Mississippi 361	5. Missouri 263
6. Missouri 354	6. Oklahoma 252
7. Oklahoma 351	7. Iowa 242
8. Nebraska 345	8. Tennessee 228
9. Georgia 308	9. Kansas 225
10. California 301	10. Nebraska 207

For the 12-month period June 1, 1951, to June 1, 1952, registrations made a total of 70,428, compared with 53,619 for the corresponding period the year previous, an increase of 31.33 per cent. Membership during the year increased more than 35 per cent.

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Our herd sire

BR PROUD MIXER

The breeding behind Bilt-Rite Herefords is proving itself in the show ring, sale ring, on the range and in the feed lot. The ready acceptance accorded our cattle is naturally very gratifying, and we will continue to breed the kind of Herefords that get the job done for our customers. Come by the ranch and see our cattle. We have a number of top prospects to show.

Be Right!
Buy
Bilt-Rites



Arledge Ranch

SEYMOUR, TEXAS

BE ... BE RIGHT ... BUY BILT-RITES

Welcome Cattlemen
TO "OLD WEST FRIENDLINESS"



ROBERT MILLER, MANAGER

EL PASO, TEXAS

BOTEL
Paso del Norte

Top of \$51,000 in Pearson Hereford Dispersion

SUMMARY

71 Bulls	\$224,265; avg.	\$3,158
232 Females	277,395; avg.	1,196
363 Head	501,660; avg.	1,436

BACA DUKE 1st, a seven-year-old son of Baca R. Domino 33rd, proved to be the feature attraction of the Pearson Hereford Dispersion held June 16 at Indianola, Iowa. This Register of Merit sire, whose get and service was also a feature of the sale, went to Duncan Hereford Farm, Orangeburg, S. C., on a bid of \$51,000.

A three-year-old son of Baca Duke 1st, Pearson's Duke 34th, was the second top selling bull at \$27,500. This proven herd sire sold to R & J Hereford Farm, Bloomington, Ind.

Harold C. Costello, Big Horn, Wyo., paid \$26,000 for another son of Baca Duke 1st, Pearson's Duke 31st, a top four-year-old herd sire.

Two other sons of Baca Duke 1st, both summer yearlings, sold for \$10,200 each. One, Pearson Duke 79th, sold to E. L. Culver, Pulaski, Tenn., and the other, Pearson Duke 83rd, went to Fred J. Brown, DuBois, Pa.

Pearson Duchess 17th, a four-year-old daughter of Baca Duke 1st, was the top selling female at \$8,050. Pollock Hereford Ranch, Mountainburg, Ark., bought this outstanding brood matron that had been grand champion female at the 1950 Iowa State Fair, first at the 1950 American Royal, and Huron National Show and first at the 1951 Denver Show.

Al Buchanan, San Antonio, Texas, bought the second top selling female, Silver Lady 13th, an eight-year-old daughter of Real Silver Domino 32nd, on a bid of \$6,700. She was the dam of Pearson's Duke 31st, selling for \$26,000. Pearson's Duke 10th, purchased by By the Way Ranch at Denver for \$23,100, and Pearson's Duke 83rd, that sold for \$10,200. McCormick Farms, Wadsworth, Ohio, paid \$5,000 for Pearson's Duchess 39th, and Maryland Farms, Brentwood, Tenn., bid to \$4,500 to get Pearson's Duchess 37th. Both were two-year-old daughters of Baca Duke 1st.

A. W. Thompson, Jewett Fulkerson, A. W. Hamilton, and Freddie Chandler were the auctioneers.

Hereford Transactions

Chas. Pettit, Walnut Springs, Texas, reports the sale of seven Hereford bulls to E. E. Yeager, Bryan, Texas.

Six Hereford heifers were purchased recently by Elizabeth Freeland, Somerville, Tenn., from F. A. Youngblood & Son, Lamesa, Texas.

J. R. Barker, Crystal City, Texas, made the sale of seven Hereford bulls to Steward Savage & Sons also of Crystal City.

W. H. Hammon, Wichita Falls, Texas, recently sold 28 Hereford heifers to Harvey Smith, Ione, Ore.

Arthur Henske, Brenham, Texas, reports the sale of seven Hereford heifers to Raymond Tiekke also of Brenham.

Three Hereford bulls, four cows, and one heifer were purchased recently by E. T. Parkinson of Brownwood, Texas, from Felton T. Wright also of Brownwood.

Winston Bros., Snyder, Texas, recently sold 73 Hereford cows and 67 heifers to Fairway Farms, San Antonio, Texas.

Six Hereford bulls and seven heifers became the property of G. W. Scrimshaw,

San Antonio, Texas, purchased from W. J. Lytle, also of San Antonio.

C. D. Gates, Wills Point, Texas, reports he purchased one Hereford bull and eight heifers from J. F. Ford, Glade-water, Texas.

Halbert & Fawcett, Sonora, Texas, sold 18 Hereford cows to Lawrence L. Pflugger, Pflugerville, Texas.

Jack R. Johnson, Mt. Vernon, Texas, reports the sale of nine Hereford cows and one heifer to J. R. Mahoffey, Mt. Pleasant, Texas.

N. P. Powell, Tyler, Texas, sold 31 Hereford cows from his herd to A. J. Roach, Morgan, Texas.

W. F. Cone, Dimmitt, Texas, became the new owner of one Hereford bull and 19 cows, which were purchased from Tom Estes, Lamesa, Texas.

W. C. Chilton, Comanche, Texas, sold four Hereford bulls and seven heifers to Pat Denny, Sidney, Texas.

R. W. Sellers & Sons, Boliger, Ala., purchased one Hereford bull, eight cows, and 11 heifers from Northwoods Stock Farm, Fort Worth, Texas.

W. O. Culbertson & Sons, Dalhart, Texas, sold 38 Hereford heifers to Gal-lowsay Ranch, Arlington, Tenn.

C. I. Edlin & Son, Channing, Texas, recently purchased five Hereford cows from Metz La Follette, Seminole, Texas.

Two Hereford Bulls, seven cows, and seven heifers became the property of Mittie Mabry, Quanah, Texas, purchased from W. T. Tally, Est., Bellevue, Texas.

C. R. Hereford Ranch, Braden, Tenn., is the new owner of 12 Hereford heifers, which were purchased from W. O. Culbertson & Sons, Dalhart, Texas.

Dudley Bros., Comanche, Texas, report the sale of 31 Hereford cows to Rolling Meadow Farms, Newman, Ga.

From Hereford, Texas, R. L. Cavanaugh reports he sold seven Hereford heifers to Davis S. McCracken.

Forty Hereford heifers were transferred recently by R. L. Campbell, Wildorado, Texas, to Ewell K. Gregg, Decatur, Ala.

W. A. Caine, Selma, Ark., reports he purchased 23 Hereford heifers from Northwoods Stock Farm, Fort Worth, Texas.

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DB LARRY DOMINO 34th

This outstanding son of our JJ Larry Domino 7th is a half-brother to the great prospect we sold to Lazy River Ranches, Saratoga, Wyoming, for \$32,250. The "34th" is an outstanding individual with an exceptionally good show record. He is being mated to top daughters of our herd sires.

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DUDLEY BROS.

GAIL - TOM - ELTOS — COMANCHE, TEXAS



Daughters of these bulls

- Prince Sunbeam 215th
- Burgess Benmere Boy B
- Bandolier Eldor 12th
- Prince Sunbeam 483rd
- Prince Sunbeam 214th

Selling bred to Prince Oldfield of Ferndale
in our annual sale

NOVEMBER 10

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TEXAS

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LOCATED 5 MILES NORTH OF FORT WORTH STOCK YARDS, 2 MILES EAST OF SAGINAW

✓ **Check the sire . . . check the dam**

Breeding counts! And you can count on the breeding in the get of these two top Lakeview herd sires.

★ **BLACK PEER OF LAKEVIEW**

Outstanding breeding son of Prince Sunbeam 105th.

★ **MASTERMERE**

Great breeding son of Eileenmere 487th and out of the same dam as International Champion Master Prince of Sunbeam.

**Our cow herd is composed of females of popular families from leading herds across the nation.*

FOR SALE

Herd sire prospects, range bulls and registered and commercial females of all ages. The registered cattle are of Sunbeam, Eileenmere and Bandolier breeding. All are in good flesh. Our farm is located 20 miles northeast of Tulsa (16 miles north on OK-11 and 4 miles east on OK-20.)

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R. B. WARREN, JR., Owner . . . National Bank of Tulsa Building
BOB TREAT, Foreman . . . (Ranch Phone R-32 - Skiatook, Oklahoma)
Also Breeders and Raisers of Registered Quarter Horses

We selected EL QUALITY G. W., a grandson of Prince Quality of Sunbeam, from the well-known W. D. Gilmore herd at Highland, Kansas, to head our registered Angus herd. He is a proven sire, having done an outstanding job in the Gilmore herd.

You are invited to visit us and see this great bull and the females we are mating to him.



CRESTVIEW ANGUS FARMS
H.E. GOODMAN OWNER CELESTE, TEXAS

All Progressive Ranchmen Read The Cattleman.

Texas Aberdeen-Angus News

By TOMMIE E. STUART, Secretary
Texas Aberdeen-Angus Assn.

TWO Aberdeen-Angus Field Days will be held in July. The first will be held at Texas Tech College, Lubbock, on July 11, sponsored by the West Texas Angus Association. The next one will be held at the farm of R. L. Chaney, Sr., near Moody on July 12th and is sponsored by Angus breeders of that area. Both have informative and entertaining programs outlined and large crowds are expected at each. Everyone is invited to attend these Field Days and you are requested to bring a friend.

July 10th and 11th a Herdsmen Short Course will be held at Texas Tech College at Lubbock. The program is based on good sound beef cattle husbandry and will emphasize practical cattle problems. Aberdeen-Angus breeders and herdsmen in that area are urged to attend.



Tommie Stuart

A series of sales will be held this fall starting in September that are set up to serve all Aberdeen-Angus breeders. First will be the "Whale of a Sale" at Tyler for fitted cattle September 13th. The State Angus Show and Sale for fitted cattle will be held at Amarillo September 25th, followed by the Austin Calf Sale at Austin, October 11th. The second annual pasture fitted sale at Nocona will be held October 15th, and the second annual Hill Country Sale of pasture fitted cattle will be held at Fredericksburg, December 9th.

For the breeders of commercial cattle, feeder calf sales will be held at Mt. Pleasant, September 27th, Fredericksburg September 30th, San Angelo, October 1st, Wichita Falls October 3rd, Abilene, October 4th, and Amarillo, October 9th.

The largest sale in the history of the San Angelo Distribution Sale was held June 4th. A total of 2,800 commercial females went through the sale ring along with 61 registered Angus bulls. Cattlemen are becoming more quality conscious as they paid strong prices for all females of better quality.

Livestock Poisoning Hazards

DISCARDED storage batteries may be useless for starting motors, but they can still pack a lethal punch when it comes to killing livestock, the American Foundation for Animal Health warns farmers.

"Batteries left lying around barnyards, feedlots, or pastures can be a deadly source of lead poisoning to farm animals," says the Foundation. "Lead poisoning can occur when an animal licks old batteries, eats orchard grass that has been treated with lead arsenate, or licks paints, ointments, or salves which contain lead."

Foundation authorities also recommended that farmers check against five additional livestock poisoning hazards:



PRINCE OLDFIELD of FERNDALE

Owned Jointly with Luther McClung

Prince Oldfield of Ferndale is breeding up to our expectations. We have several calves on the ground by this great bull and they are very pleasing. They are uniform, thick, deep-bodied, good-headed, and prove him to be very prepotent. You are invited to visit us and see the get of Prince Oldfield of Ferndale.

FOR SALE: A few top herd bull prospects—also a group of range bulls 15 to 18 months old—priced to sell.

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MR. and MRS. A. C. LUTHER
MR. and MRS. EARL WILSON, JR.

ANGUS FARMS

Raymond Barton, Manager * Newton Sherman, Herdsman

FORT WORTH, TEXAS

DICKSON, TENNESSEE

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OUR HERD BULLS

★
PRINCE 15th of ESSAR

★
PRINCE 45th of ESSAR

REGISTERED ANGUS for SALE

We have a few yearling range bulls for sale and some heifers by Prince 15th of Essar bred to Prince 45th of Essar for sale.

These are good ones.

YOU ARE WELCOME AT THE RANCH

H. R. BURDEN RANCH

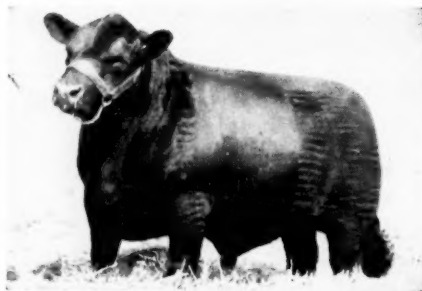
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PREPOTENT BLOOD . . His calves are proof!



PRINCE 39TH OF ESSAR

The great breeding behind this son of the illustrious Master Prince 2nd is forcefully demonstrated in the calves we are now getting by him. They are tops. We are highly pleased with them . . . and him!

FOR SALE

We have a number of open and bred heifers and some top range bulls for sale.

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HERD SIRES

RAONA'S PRINCE ERIC by Prince Eric of Sunbeam
PRINCE SUNBEAM 454th by Prince Sunbeam 29th

CAPROCK ANGUS FARM

WENDELL HARRISON • MEMPHIS, TEXAS
CLIFFORD FARMER • MEMPHIS, TEXAS
JACK SIMMONS • ABILENE, TEXAS

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"(1) Mercury poisoning from eating seed grain that has been treated with mercury.

"(2) Rat poisons, including warfarin, if sufficient amounts are consumed over a long period of time.

"(3) Chemical weed killers which may contain substances poisonous to stock.

"(4) Grasshopper poisons, such as arsenic-treated bran.

"(5) Highway surfacing oil which rains may wash into pastures."

Farmers who suspect a case of livestock poisoning were urged to get a veterinarian on the job as promptly as possible, as time is an important factor in saving the animal's life.

M. E. Grote Elected President of Hill Country Angus Association

THE Hill Country Aberdeen-Angus Breeders Association held its annual meeting at Fredericksburg, Texas, recently and elected M. E. Grote of Mason, Texas, as its president.

The members chose I. N. Mitchell of Smithsons Valley as vice-president, and C. A. Stone, county agent of Gillespie County, was re-elected secretary-treasurer.

The new board directors are William Cammack, Johnson City; Mitchell; Bill Logan, Comfort; R. L. Hays, Kerrville; Tommy Brook, Camp San Saba; Paul Keese, San Antonio; Dick Homann, Junction; O. H. Grona, Fredericksburg; Clayton Stribling, Llano, and E. D. Combs, San Antonio.

Detailed plans were discussed for a feeder calf sale to be held September 30 and a registered cattle sale December 9. The selection committee for the registered sale cattle will tour the area between September 15 and 25.

Nebraska Angus Association Holds Annual Field Day

CUSTER County Fair Grounds in Broken Bow was the scene of the annual Nebraska State Aberdeen-Angus field day June 9. The Heart of Nebraska Association was host and Art Pendray, farm service director of KRVN in Lexington, was master of ceremonies.

The relationship between the commercial cattleman and the purebred breeder was the topic of a panel discussion by Howard Pitzer, Ericson, D. J. Cole, Meriman, John Drayton, O'Neill, and James Kreycik, Wood Lake.

A type demonstration was given by Robert Long, staff member of the animal husbandry department of Oklahoma A. & M. College, Stillwater. He also spoke on "Feeding, Fitting, and Show." Other guests on the program included Lloyd D. Miller, director of information for the American Aberdeen-Angus Breeders' Assn., of Chicago, and Jess R. Cooper, fieldman for the national organization.

The state association featured a judging contest for boys and girls under 21, and the Heart of Nebraska group sponsored a contest for adults. Prizes and ribbons were awarded in all divisions.

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The Cattleman

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Hill Country Angus Field Day

A GOOD sized crowd gathered at the fair grounds at Fredericksburg, Texas, June 14 for the Hill Country Angus field day.

The forenoon program consisted of a judging contest followed by a discussion of the placings by Tommie Stuart, secretary of the Texas Aberdeen-Angus Association.

After lunch, short talks were made by Luther Watson, president of the Texas Aberdeen-Angus Association and Tommie Stuart on the progress being made by Angus in Texas and the growth of the state association.

Milt Miller, fieldman for the American Aberdeen-Angus Association, conducted a type demonstration.

A highlight of the afternoon session was a panel discussion in which authorities on breeding, management and feeding were asked questions from the audience.

San Angelo Angus Distribution Sale

SUMMARY
61 Bulls \$30,560; ave. \$501

THE annual San Angelo Angus Distribution Sale, sponsored by the Texas Aberdeen-Angus Association, was held at San Angelo, Texas, June 4.

Topping the sale at \$2,000 was the champion bull of the show, Ever Prince of SL, a March, 1950 son of Ever Quality Lad, consigned by James T. Shahan, Brackettville, Texas. This good headed, thick, deep bodied bull was bought by

Sol and Ernestine Meyer Trust, San Angelo.

The reserve champion bull, Millicent's Prince of Oaks, a December, 1950 son of Black Prince 27th of Angus Valley, consigned by G. H. Ricks, Lampasas, Texas, brought the second top price of \$1,250 from R. P. Neff, Idalou, Texas.

Sol and Ernestine Meyer Trust bought the next two high selling bulls, both consigned by Morgan and Lemley of San Angelo, Buxom Bell Boy 3rd, a July, 1950 son of General Buxom Boy, sold for \$1,000 and Eileenmere 1086th by Eileenmere 1000th brought \$875.

Approximately 3,000 commercial Angus females were distributed at satisfactory prices.

Don Estes was the auctioneer. Carlton Corbin of Ada, Okla., judged the sale bulls.

Aberdeen-Angus Transactions

Eight cows were purchased by Dr. H. V. Hedges, Hico, Texas, from Randall Campbell, Jonesboro, Texas.

A. R. Wilson, Waco, Texas, sold seven cows and a bull to W. J. Strickland, Goldthwaite, Texas.

Arthur J. Johnson, Ryan, Okla., sold two bulls to Woods Brothers, Waurika, Okla., six cows to Festervan's Angus Farm, Texarkana, Texas, and a bull to Armor Stevenson, Tecumseh, Okla.

Four cows were sold to Renfro Valley Angus Ranch, Dallas, Texas, by George S. Wright, Dallas.

C. W. Chandler, Nocona, Texas, purchased five cows from J. A. Noble, Brookfield, Mo.

R. S. Hays Ranch, Kerrville, Texas,

sold three cows to C. E. Yoakam, San Saba, Texas.

Robin Hood Farm, Bixby, Okla., sold a bull and a cow to Chester Conrad, Bixby, and a cow to Sunbeam Farms, Miami, Okla.

Carlton W. Corbin, Ada., Okla., sold seven cows to Newstadt Brothers, Ardmore, Okla., and 11 cows and a bull to Dr. N. C. Ralston, Mount Pleasant, Texas.

Thirteen cows were purchased by Lloyd Patton, Chattanooga, Okla., from L. A. Ferguson, Jacksboro, Texas.

W. D. Gilmore, Highland, Kans., sold a bull and a cow to Eugene Chamberlain, Sulphur Springs, Texas, and a bull to Deltex Angus Farm, Cooper, Texas.

E. D. Hall, Weir, Kans., sold a bull each to Kenneth Prader, Wyandotte, Okla., Jim Hopper, Seneca, Md., J. G. Logan, Commerce, Okla., Ray Logan, Fairland, Okla., and Lee Chenoweth, Miami, Okla.

William Anderson, Medford, Okla., sold a cow each to Waldo C. Vath, Wichita, Kans., Melvin G. Smith, Rozel, Kans., and W. W. Meade, Blackwell, Okla.

Powhatan Angus Farm, Vian, Okla., purchased 18 cows and a bull from C. A. Powhatan, Muskogee, Okla.

Two cows and a bull were purchased by C. E. Mabry, Talala, Okla., from R. B. Mabry, also of Talala.

Six cows and a bull were purchased by J. H. Blackstone, Winnsboro, Texas, from Warsaw Angus Ranch, Winnsboro.

Six cows were purchased by Sam Perry, View, Texas, from Garland Nunn, Ballinger, Texas.

Breeders Report Excellent Results from Advertising in The Cattleman.

A Whale of a Sale



TYLER, TEXAS ★ SEPT. 13

Selling 10 Bulls, 40 Females in the

EAST TEXAS ABERDEEN-ANGUS SALE

Sponsored by

TEXAS ABERDEEN-ANGUS ASSOCIATION

LUTHER WATSON, President
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DR. WILLIAM BAILEY, Sale Chairman
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TOMMIE STUART, Secretary
Cleburne, Texas

ABERDEEN-ANGUS

**"THE BREED WITH
A RECORD"**

1500 pure bred Angus steer and heifer calves for sale for October delivery, average weights 425 pounds at delivery date.

LEWIS AND GOWDY
ARCH, NEW MEXICO
Phone 1400, Portales, New Mexico

We have a breeding herd of 80 TOP FEMALES. Visit us and see the calves by Prince Sunbeam 411th. We have a few good, young bulls by the "411th" for sale now.



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ANGUS FARM

**FORNEY,
TEXAS**

REGISTERED ABERDEEN-ANGUS

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Herd Sires

MASTER PRINCE 2d
by Prince Sunbeam 29th

MASTER 4th OF ESSAR
by Master Page

PRINCE SUNBEAM 401st
by Prince Sunbeam 100th

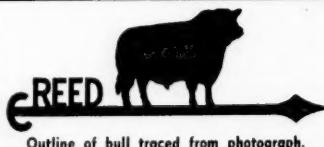
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CAPPS RANCH
TIPTON, OKLAHOMA

REGISTERED ABERDEEN-ANGUS
For Sale

10 Registered Angus Cows
GROTE ANGUS RANCH
MASON, TEXAS

Your Brand
is your coat of arms,
but it is of little use
unless it is recorded.



Outline of bull traced from photograph.

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*Better Beefmakers are available
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WEIGH MORE AT WEANING**



**Angus averaged 66 lbs. more
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In 8 continuous years of comparison by a leading state university between two major beef breeds involving 374 calves . . . ANGUS purebred calves outweighed purebred calves of the other breed by 66 lbs. average at weaning time. Since all calves were fed and handled the same, this accurate experiment proves: "Angus calves grow faster!" Be ahead! Buy Blacks! Wean bigger calves!

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Chicago 9, Illinois

WHEATLAND FARMS

Aberdeen-Angus

Where Champions Are Bred



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You are invited to inspect our show herd at the shows and to visit the farm whenever possible.

We breed our show cattle and show our breeding cattle.

Seed Stock Always for Sale

JAS. B. HOLLINGER
CHAPMAN, KANSAS

Lakeside FARMS
Registered
ABERDEEN-ANGUS
Cattle
TYLER, TEXAS

Dr. and Mrs.
William M. Bailey

Paris Brush Control Demonstration

THE second annual brush control demonstration held at Legion Field, Paris, Texas, on June 25 was attended by more than 5,000 farmers, ranchers, agricultural workers and others interested in brush control work.

The field day on brush control was begun last year by A. G. Mayse, Paris News publisher, and was under the sponsorship of the Paris and Lamar County Chamber of Commerce and the Paris News this year.

Interest in control of brush in Lamar County in surrounding areas has grown during the past few years as new machines and methods of control and eradication have been developed. Many thousands of acres of land are covered with a thick growth of oak, mesquite and shinnery that could be valuable pasture land if the brush and trees could be controlled.

Those attending saw bulldozers, rotary choppers, tractor-mounted saws, chemical spray rigs and many other methods which can and are being used by farmers and ranchers to combat the brush problem. A helicopter spray rig which was sent to the field day from Bell Aircraft Corporation plant at Fort Worth attracted considerable attention. Also demonstrated was the Ag-1 airplane developed by Texas A&M College, which is used very satisfactorily as a spraying aircraft. The Texas Flying Farmers and the Texas Aeronautics Commission were on hand with several planes and cooperated in providing air tours for farmers and ranchers who wanted a bird's-eye view of brush control work from the air.

Miss Cornelia Campbell, a junior at East Texas State Teachers College, was crowned queen of the brush by Publisher Mayse. She lives in the Forrest Chapel Chicota community section of the county.

Dr. Horace H. Harper, director of the Nobel Foundation at Ardmore, Oklahoma, was principal speaker. Others on the program were Congressman Wright Patman and Agriculture Commissioner John White.

Oklahoma Aberdeen-Angus Field Day Attracts Crowd

APPROXIMATELY 800 people attended the annual Oklahoma Angus Field Day, May 31, at Charmay Angus Farm near Seminole, owned by Charles Newsom. Talks were given by Dr. J. A. Whitley on "Selection of Beef Cattle" and by Leon S. "T-Bone" McDonald on "Pasture Development." He based his talk on the pasture program being carried out at Charmay.

Matches were presented to Dr. A. E. Darlow and Kenneth Jones by Dr. Paul Keesee, president of the Southwest Regional Angus Breeders Association, in recognition of services they have rendered that organization. Guy Shippe, president of the Oklahoma Angus Breeders Association, presided at the meeting.

Winners of the judging contest at the field day were:

Adult Division—1st, Tracey Hunsecker, Jr., Broken Arrow; 2nd, Clifford Christ, Wewoka; 3rd, Mrs. Harold Davis, Roff.

4-H Division—High team, Logan County, coached by Harold Elliott and composed of James Kendall, Loren Haf-

ner and Vern Van Bebber; 2nd team, Craig County, coached by E. B. Hildebrand; 3rd team, Pontotoc County, coached by Lester Smith; high individual, Eldon Jones, Durant; 2nd, Virginia Corbin, Ada; 3rd, Bill Smith, Vinita.

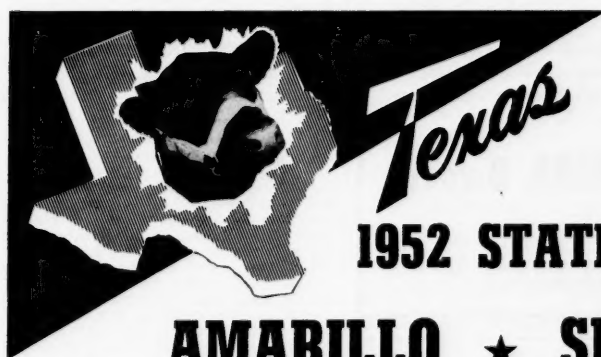
FFA Division—High individual, Don Wells, Vinita; 2nd, Bobby Petterson, Coweta; 3rd, Tommy Mills, Seminole; high team, Vinita, coached by Harold Miner and composed of Don Wells, Don Giles and Paul Staubus; 2nd, Cushing, coached by Bob Woods; 3rd, Duncan, coached by Gus Page.

Capital Area Aberdeen-Angus Association Meets

A GROUP of Aberdeen-Angus breeders in the Austin area met June 21 at Dunraven Ranch near Buda, Texas, to complete the organization of the Capital Area Aberdeen-Angus Association. Joe Hooten, president of the association presided over the meeting which was followed by a field day program.

Speakers on the program and their subjects were: Tommie Stuart, activities and services rendered by the Texas Aberdeen-Angus Association; Bill Castellaw, advertising program for a small herd of Aberdeen-Angus cattle; Bill Ljungdahl, feeding and fitting Angus for consignment sales; W. R. Cammack and Robert Hays, overhead irrigation; James E. Tucker and Dr. Luther Watson, cattle clipping and dressing demonstration for shows and sales.

At the conclusion of the program, a barbecue lunch was served to the visitors by the hosts, Mr. and Mrs. James C. Tucker.



ABERDEEN-ANGUS Association

1952 STATE SHOW and SALE

AMARILLO ★ SEPT. 22-27

JUDGING:

WED., SEPT. 24

SALE:

SAT., SEPT. 25

TEXAS ABERDEEN-ANGUS ASSOCIATION

LUTHER WATSON, President
Austin, Texas

CLYDE BRADFORD, Sale Chairman
Happy, Texas

TOMMIE E. STUART, Secretary
Cleburne, Texas

Dunraven


 REGISTERED
 ABERDEEN-ANGUS

Ranch

FOR SALE

200 Hereford Cows

Due to the fact that we have sold our Kansas Ranch and must give possession in early Fall, we are offering 200 good age Hereford cows for Sale for September 1 delivery. Their present calves are contracted for August 1st delivery and the cows will begin calving again on October 15th. These cows will weigh approximately 1200 lbs. by September 1st, and are four to seven years of age. The herd has been carefully culled for poor milkers, bad udders and poor producers. If you want a herd of uniform producing cows, you will be interested in this herd. The cows and their present calves may be seen now at our Meade, Kansas Ranch. Due to the fact that the cows cannot be segregated into smaller groups, this offering is for the Herd as a whole. There is a total of 218 head to pick from and we will carry the 200 head to September 1st, permitting the purchaser to pick out 200 head ON THAT DATE, thus taking as our loss any deaths or cows that may become unmerchantable in the interim. Mr. Harris, Manager at Meade, will gladly show the cattle at any time. Any additional information will be supplied from the Buda Ranch.

JAMES C. TUCKER & SONS, Owners

BUDA, TEXAS

Telephone 35

Visitors Are Always Welcome

The best



Brangus

for beef

Mr. Commercial Cattleman:

You owe it to yourself to check into the advantages offered by BRANGUS . . . the BIG blacks that bring tops on the beef market!

Write for Free Information and
 Descriptive Folder

AMERICAN BRANGUS BREEDERS ASSOCIATION

P. O. Box 81-C - Phone 1200 - Vinita, Okla.

Keillor Ranch Angus Sale

SUMMARY

4 Bulls	\$ 5,425; avg.	\$1,356
52 Females	45,325; avg.	872
56 Head	50,750; avg.	906

THE third annual Keillor Ranch sale held June 7 at the ranch north of Austin, Texas, was very successful. The good offering of Aberdeen-Angus cattle attracted breeders from several states.

Bandolier Keillor 7th, a double bred Bandolier of Anoka 3rd and a grandson of Applewood Bandolier 40th, was the top selling animal. This good herd sire prospect, calved in March, 1950, went to James Guleke of Austin on a bid of \$3,100.

John Carroll, Premont, Texas, bought the second high selling bull, Quality Keillor 3rd, a March, 1950, son of Quality Keillor 2nd, for \$1,250.

Topping the females at \$2,500 was Georgina S., a three-year-old Ballindaloch Georgina daughter of Barmarshall H. This top foundation cow sold with a bull calf at side by Prince Peer 5th of Den-Mor to Daniel Angus Farm, Fairfield, Texas.

M and L Ranch, Burnet, Texas, paid the second top female price of \$2,400 for Evera Keillor 3rd, a September, 1950, Evera Erica daughter of Prince 5th D. D.

Jess Alford, Paris, Texas, bid to \$1,825 to get Highland Georgina 2nd, a Burnside Georgina daughter of Halkon of Auldich and E. J. Wilson, Fort Worth, Texas, paid \$1,500 for a Windsor Queen Mother, Viewlawn Queen 6th by Blackcap Baron Glencarnock.

Auctioneers were Ray Sims and Bill Hagel.

Southern Oklahoma Angus Female Sale

SUMMARY

176 Females	\$83,830; avg.	\$476
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THE Southern Oklahoma sale of pasture fitted Aberdeen-Angus females was held June 16, at Ardmore, Okla. Murphy's Miss Georgina 2nd, a June, 1950 Ballindaloch Georgina granddaughter of Eileenmere 500th, consigned by Arthur Johnson, Ryan, Okla., was the top selling animal going to Ed Festervan, Texarkana, Texas, on a bid of \$2,400.

Selling for \$2,000, the second top price of the sale, was a substitute lot consigned by Adang Ranch, Ada, Okla. She was a Ballindaloch Jilt and sold to Flynn Stewart, Wichita Falls, Texas.

Essar Ranch, San Antonio, Texas, paid \$1,350 for a Portlethen Lucy heifer by Quality Prince 17th consigned by Stoneybroke Ranch, Ada, Okla. Another Portlethen Lucy from Stoneybroke Ranch and by Quality Prince 17th went to Morgan and Lemley, San Angelo, Texas, on a bid of \$1,275.

Several loads of commercial Angus females were sold following the registered cattle sale.

The sale was sponsored jointly by the Oklahoma Aberdeen-Angus Association and the Southern Group.

Auctioneers were Ray Sims, Hugh James and Claud Neet.

On the basis of five readers per issue The Cattleman is read by more than 150,000 ranch folk. Reach this market by advertising in The Cattleman.

Colorado Cattlemen Meet

FLOYD BEACH, Delta, Colo., was elected president of the Colorado Cattlemen's Association at its 85th annual convention held at Colorado Springs May 21-24. He succeeds Stafford Painter, Roggen. Leavitt Booth, Arvada, was elected first vice president, stepping up from the position of treasurer, which he has held the past three years. R. A. "Bob" Burghart, Colorado Springs, was elected treasurer.

Two new vice presidents were elected: Robert Hogsett, Ft. Morgan, and Francis Murphy, Spicer. They succeeded Don Collins, Kit Carson, and Milton Nelson, Longmont.

Three were elected to the Board of Control: Terry Robinson, Pagosa Springs, the Southwest District; Noble Love, LaSalle, Northeast District; and Lars Prestrud, Littleton, member at large. They succeeded Art Star, Austin, R. J. Lamborn, Weldona, and Willard Simms, Denver.

The Association went on record as opposing the opening of the Mexican border for another year "because of the apparent need for additional precautions against the dread foot and mouth disease" and also requested that cattle admitted into the United States from Canada and Mexico "be identified with a fire brand" if and when the borders are opened.

The association summoned "all patriots and honest advocates of human freedom . . . to recover the natural rights and freedom of which government has deprived them," and unanimously went on record "that we will support for elective office only those candidates whom by word and deed have shown that they will reverse the current trend toward socialism and to restore the republic."

Regarding the anthrax fight, the association demanded that all carcasses of animals suspected of being contaminated with anthrax should be burned on the spot in this country and that all vehicles carrying dead animals should be subjected to enforced rules of sanitation such as cleaning with live steam or whatever is required.

Another resolution favored elimination of price and wage controls in the Defense Production Act because "all meat is being sold below ceilings" and supply is ample to meet demand. "Controls on wages have proved unworkable and a farce," the cattlemen charged.

In other resolutions the association: Called for continuation of the association's voluntary Bang's control program, through its sanitary committee and requested it be inaugurated in each county.

Referred to the brand and theft committee a resolution that the association "take steps to obtain better enforcement of present statutes on point of origin inspections—particularly in northwestern Colorado."

Asked the livestock sanitation and legislative committees to co-operate in drafting legislation "which will revise Colorado's port of entry system to establish properly staffed ports of entries on all highways for controlling the movement into Colorado of infectious and contagious diseases in livestock and food."

Referred to the public lands committee a resolution that it work with the legislative committee in drafting proposed legislation which would prohibit government land purchases or trades in Colorado without prior approval by the board of county commissioners and other local tax authorities.

For Sale

12 long yearling registered Angus heifers,
granddaughters of Eileenmere 500th.



Also, 25 registered cows, 4 to 8 years old. These are good foundation cows, with good pedigrees and sired by nationally known bulls. Some have calves, and those that are dry are bred to our good herd bulls, and due to calve this fall.

*You are cordially invited to visit our ranch
and inspect these cattle.*

EL RANCHO DOCE ROBLES

W. A. SEIDEL & SONS

Knippa, Texas

THANKS

Our sincere thanks to all of the bidders, buyers
and visitors at our sale June 7.

FOR SALE

We have several bred heifers for sale at this time.

OUR HERD SIRES:

Prince Peer 5th of Den-Mor by Prince Peer
of Angus Valley

Bar Ever Prince by Ever Prince of Sunbeam

VISITORS WELCOME




Watson Brothers

KEILLOR
RANCH




"OTIS" AUSTIN TEXAS "LUTHER"

Registered ANGUS FOR SALE

Sons and daughters of Prince Sunbeam 149th are represented in this offering of top quality bulls of serviceable age and young females.

See them at the farm.

MATHES

Registered Aberdeen-Angus Cattle

Charles R. Mathes, Owner
Harold Reynolds, Manager



K Stock Farm
Located 2 Miles South of Arlington, Texas

Thanks

We extend our sincere thanks to MEYER & PHILLIPS, San Angelo, for the purchase of our bull offering at the San Angelo Sale, June 4. Also, we thank all in attendance who helped to make this sale the real success that it was.

VISITORS ALWAYS WELCOME

Bradford's

Registered
ABERDEEN-ANGUS
Cattle

CLYDE R. BRADFORD and MERRILLA BRADFORD, Owners — Address Route 2, Happy, Texas

Ranch Located 1½ miles west of Kaffir Switch, off U. S. 87, halfway between Tulia and Happy

C. A. RAPP & SON



Our chief
herd sire is
Eileenmere 62d
by the "487th"



Farms located
3 and 6 miles
west of Estelline
on State Hwy. 86

ESTELLINE, TEXAS

CHANDLER'S ANGUS FARMS

All Registered Cattle
100 Females

We Use Sunbeam Bulls

Our farm is located ½ mile west
Ringgold, Texas, on Highway 82

VISITORS ALWAYS WELCOME

C. W. CHANDLER, Owner
J. H. MONTGOMERY, Herdsman

Kansas-Oklahoma Shorthorn Breeders Meet

I. V. MARTIN, Alva, Okla., was elected president of the Kansas-Oklahoma Shorthorn Association at its annual meeting held at Buffalo, Okla. Walter A. Shuman, Buffalo, was elected vice president and Carl Downing, Buffalo, secretary-treasurer.

Directors of the association are: Calvin Rutledge, Jr., Woodward, Okla.; Clarence H. Ralstin, Mullinville, Kans.; Victor Tautfest, Marland, Okla.; C. M. Cummings, Kingsdown, Kans.; W. A. Rosenberger, Greensburg, Kans.; Ralph Stover, Jet, Okla., and Fred Krull, Texoma, Okla.

Shorthorn Transactions

RIVERSIDE Ranch, Taylor, Texas, purchased seven Shorthorn females and one Shorthorn bull from Wilson Mahlow, Thrall, Texas; and sold a Shorthorn bull each to Carroll Gossett, Taylor, Texas; and Fox and Wiederhold Acet., Giddings, Texas.

Barton Ridling, Sentinel, Okla., sold four Shorthorn females and a bull to Larry Gene Flowers, Hobart, Okla.

H. W. Whitmore & Sons, Cody, Wyo., sold four Shorthorn females and a bull to Karl Schmidt, Lovell, Wyo.

George W. Schwartz, Washburn, Ill., sold a Polled Shorthorn bull and 11 Polled Shorthorn females to E. W. Taylor, Sledge, Miss.

Glenn Edic, Petersburg, Nebr., purchased five Shorthorn females from Charles Donaldson, Albion, Nebr.

L and L Farms, Dothan, Ala., purchased five Polled Shorthorn bulls; three from M. E. Beman & Son, Thurman, Ohio; one from Robert Grove & Son, Shelby, Ohio, and one from Marada Farm, Lexington, Ohio.

Rudy Vangilder & Sons, Rector, Ark., purchased nine Shorthorn females from Gene Brittingham, Yates City, Ill.

L. D. Johnson & Sons, Cushing, Iowa, purchased five Shorthorn females from Leo Schrank, Danbury, Iowa.

E. R. Boyd, Plevna, Kansas, sold five Polled Shorthorn females to Frank Towes, Penalosa, Kansas.

Dale Bellows, Maryville, Mo., sold ten Shorthorn females to Keith Runyon of Maryville.

Frank Buckle & Son, Worland, Wyo., sold thirteen Shorthorn females and a bull to Herman E. Rauchfuss, Powell, Wyo.

Earl Shultz, King City, Mo., sold ten Shorthorn females to Bernard Miller, Stanberry, Mo.

John B. Griffin, Paton, Iowa, purchased six Shorthorn females from Robert A. Lorenzen, Dana, Iowa.

Raymond C. Strey, Mitchell, Nebr., purchased six Shorthorn females from R. R. Walker & Son, Osborne, Kans.

Waters S. Davis, Jr., Honored

WATERS S. DAVIS, JR., rancher and Hereford breeder of League City, Texas, was honored recently by the Houston Farm and Ranch Club for his tireless efforts over a period of years in behalf of soil conservation. Waters was guest of honor at a reception dinner during which he was presented a plaque by Gail Whitcomb, president of the Houston Farm and Ranch Club.

El Campo Zebu Tour

BRAHMAN and Zebu cattle breeders were assembled in El Campo June 12-13 to participate in the ranch tour organized and conducted by the Pan American Zebu Association. The tour was held in conjunction with the quarterly meeting of the Zebu Association Thursday forenoon, June 12.

The tour was initiated after lunch, and included visits to the Cornelius Cattle Company, E. L. McDonald of Bay City, Texas, Roy Nelson and M. S. Holsworth of Collegeport, Texas, and Stanley Kubela of Simpsonville, Texas. Mr. and Mrs. Stanley Kubela were hosts at a barbecue supper after the tour.

The tour was centered around the inspection of purebred Zebu cattle herds located at these ranches, and the related crossbreeding programs being conducted by some of the breeders.

The second day of the tour was attended by a caravan of approximately thirty automobiles. The group proceeded to the Bunge Ranch, near Garwood, where they inspected the purebred Zebu herd belonging to Lester Bunge. A mid-morning visit was made to the place of Erban Wendell near Hahn, Texas. Wendell conducted a group on an inspection of his purebred herd, which featured animals of Appling breeding and bulls from the W. S. Jacobs ranch located at Webster, Texas. From Hahn, the tour proceeded, making its next stop six miles north of Ganado where an inspection of a red purebred herd belonging to Hugh McColloch was conducted. The McColloch female herd is being mated to a red bull bred and produced by Milby Butler of League City, Texas.

Officers and Directors on PAZA Tour

Officers and directors of Pan American Zebu Association attending recent tour of Association: Back row, left to right: J. W. Martin, Cotulla, Texas; Otis Coz, Cotulla, Texas; Stanley Kubela, Palacios, Texas, president; Roy G. Martin, Cotulla, Texas, secretary; front row: Dr. Alberto Bequiristain, Sagera La Grande, Cuba; M. M. Davis, Charlotte, Texas; W. S. Jacobs, Jr., Houston.



The tour then proceeded to Plainview Community Center near Hillje, where the group was treated to a Dutch lunch by Mr. and Mrs. Claude Appling and Mr. and Mrs. Erban Wendell. During the course of the luncheon, the Zebu Association Board re-convened and completed its business session. The afternoon was devoted to inspecting the herds of C. C. Appling near Louise, Texas, Fred and Tom Cornelius at Midfield, Hans T. Anderson and Sons near Danevang, and Webb's Brahman Ranch at Danevang.

Pecan Acres Brahman to Central America

FORTY head of Jumbo Brahman made their new homes in two Central American countries last month, Vernon W. Frost, owner of Pecan Acres Ranch, Simonton, Texas, has announced. The cattle are purebred animals of

concentrated Manso bloodline and went to British Honduras and Costa Rica.

One shipment of fifteen bull and fifteen heifer yearlings was purchased by the United Fruit Company. They were trucked to New Orleans, Louisiana, July 14, from where they were transported by ship to British Honduras.

A shipment of ten animals, five bulls and five heifers, was flown to Costa Rica where they will be used by various ranchers in a government project to enrich that country's cattle industry. Dr. Romano A. Orlich, head of the Animal Industry Department in the Costa Rica Ministry of Agriculture, and Gilberto Barrantes journeyed to Texas for the purpose of selecting the animals.

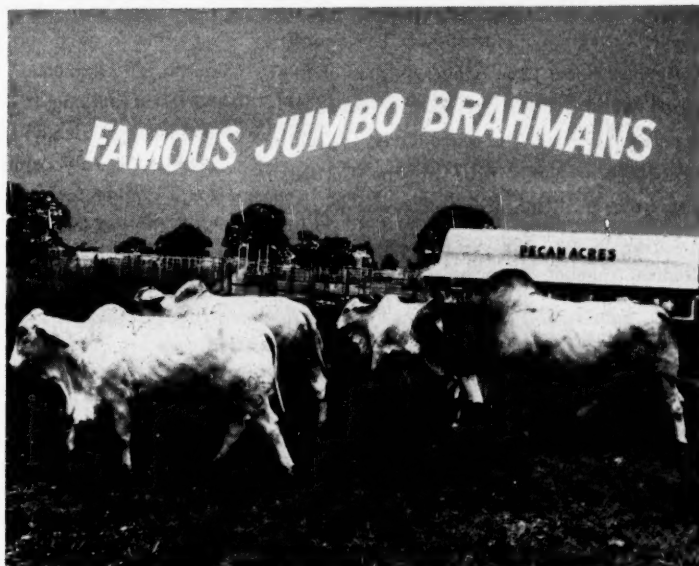
Orlich said that one half Brahman blood is perfect with their Criolla (native) cattle and that his government plans to establish five purebred American Brahman herds in order to diversify its agricultural lands.

VISIT PECAN ACRES RANCH . . .

. . . SEE OUR CONCENTRATED
MANSO BRED JUMBOS-NOTED
FOR THEIR SIZE, QUALITY,
DISPOSITION AND FLESHING
ABILITY.

RANCH
SIMONTON, TEXAS
35 MILES FROM HOUSTON

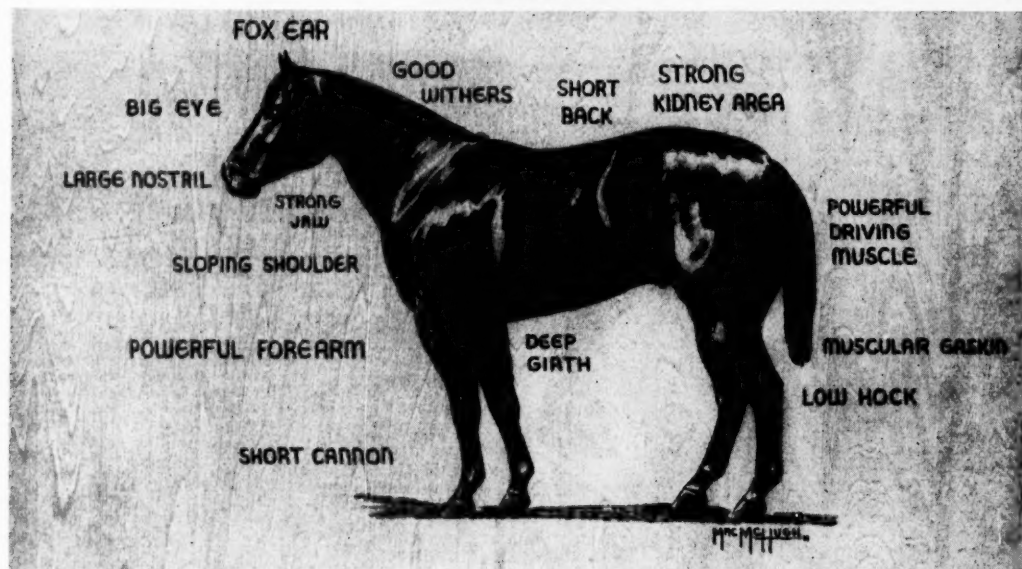
VERNON FROST, Owner



**PECAN ACRES
RANCH**

OFFICE
25th FLOOR
ESPERSON BUILDING
HOUSTON, TEXAS

OTTO SCHULTE, Livestock Manager



Attention, Quarter Horse Breeders:

In September The Cattleman Magazine will publish its 14th Annual Horse Issue. This year The Cattleman Horse Issue again will present interesting features about the Quarter Horse . . . the chosen horse of the range lands. To Quarter Horse breeders this issue of The Cattleman offers a logical and economical way to advertise your horses. Your ad will be read by the greatest number of horse USERS and horse BUYERS it is possible for you to reach with any ONE livestock magazine. More than 30,000 copies will be mailed and by conservative esti-

mate more than 100,000 readers will see your ad. This large group of readers is made up mostly of commercial cattle ranchers who use horses in working their cattle. This group also includes practically all major Quarter Horse breeders. Thus your ad is read not only by the large market for using horses but also by the financially able market for breeding horses. So . . . sell your Quarter Horses this year in the Great Horse Issue of America, the September issue of The Cattleman.

Reserve your space today

For your convenience...



The Cattleman Staff, without additional charge for this service, will gladly help you in making up an attractive ad for this issue. Just tell us in your own words what you want to say about your horses. If you want to use any pictures in your ad, send the photos or cuts along and we will do the rest.

ADDRESS: 410 E. Weatherford Street, Fort Worth 2, Texas



Your Herefords need attention, too!

HEREFORDS will "take over" the attention of the breeders and ranchers in the pages of the August issue of *The Cattleman*.

Editorial articles of that issue will be devoted largely to HEREFORDS. The annual "The Cattleman HEREFORD Register of Value" will again be carried in its pages. Truly the attention of all readers will be focused on HEREFORDS.

Could there be a more logical time for you as a HEREFORD breeder to direct the attention of the thousands of HEREFORD buyers to your own herd? Information about your own HEREFORDS will reach attentive eyes through advertising placed in that issue. And those eyes belong to the greatest group of bull buyers reached by any single livestock magazine.

So right now, while you are thinking about it, get in touch with us for further information regarding this great HEREFORD issue. A competent staff will assist you in any possible way in preparing an attractive ad for your HEREFORDS.

George H. Klein

The Cattleman
410 EAST WEATHERFORD
FORT WORTH, TEXAS

ZENO'S STYLES

Are The
Best!



"THE TEXAS
STAR"

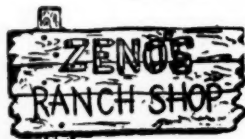
For style, comfort, and durability,
choose a pair of beautiful hand-
made boots from Zeno's Boot Bar.

Here Are the features!

- hand sewn welt
- shank constructed with orange pegs and waterproofed
- beautiful inlays hand laced

The Texas Star is an exclusive style at Zeno's and one of our most beautiful boots!

Made To Order



205-A W. Seventh St.
Fort Worth, Texas

Raymond M. Davidson, Owner

In the heart
of Fort
Worth,
where the
West
Begins.

SHORTHORNS

That have superior range qualities. They will add milking ability, weight and beef conformation to your herd, too.

SCOFIELD RANCH
AUSTIN, TEXAS

J. DOSS MILLER
DE LEON, TEXAS

The brand is the cattleman's coat of arms. Is yours recorded?

New Mexico Spring Horse Fair

THE New Mexico Spring Horse Fair held at Albuquerque, June 13-15 included classes for Quarter Horses, Palominos, American Saddle Horses, Arabs and Half-Arabs, Thoroughbreds, Tennessee Walking Horses, Morgans and Appaloosas, providing horsemen one of the most outstanding horse shows ever presented in this country. That the horse is still popular, regardless of breed, was evidenced by the crowds that watched the judging over the three-day period. Entries pitted champions against champions and winners in their respective classes may well be proud of their laurels.

The Quarter Horse show brought together many of the outstanding horses in the Southwest and Bill Cody, owned by Glen Casey, Amarillo, was named champion stallion, adding another purple to his already long list of winnings. Saddle Up, owned by Mrs. Rose H. Fulton, Dragon, Ariz., also a several times champion at major shows, was reserve champion.

Susie F. owned by Kirk Fulton, Lubbock, Texas, was named champion mare and Tonia T, shown by Mrs. Fulton, was reserve.

Chubnick, owned by Hill Bros., Hereford, Texas, was grand champion Palomino stallion, and Monte Cue, owned by C. J. Fisher, Stanley, N. M., was reserve champion.

The grand champion Palomino mare was Heel's Golden Alice, owned by E. H. Caley, Cheyenne, Wyo., and Pasamonte Easter, owned by Max Britt, Grenville, N. M., was reserve champion.

Billy Kyle, owned by Jack Kyle, East Vaughn, N. M., topped the Quarter Horse reining contest and Gold Stockings, owned by C. J. Fisher, topped the Palomino competition.

Sonny Boy, owned by Ed Bowman, Coolidge Dam, Ariz., won the finals in the cutting horse contest.

Awards by classes follow:

QUARTER HORSES

Stallions Foaled in 1951: 1. Buster Cole, Hill Bros., Hereford, Texas; 2. Seabiscuit Hancock, Marianne McRae, Albuquerque; 3. Little Strous, J. B. Kelly, Socorro, N. M.; 4. Mr. Spark Plug, Hill Bros., Hereford, Texas; 5. Buzzar, Fred Marmon, Laguna, N. M.

Stallions Foaled in 1952: 1. G. Fern Dashing Cat, Ed H. Honnen, Denver, Colo.; 2. General Lee, Arthur Rogers, Grenville, N. M.; 3. Chubby's Red Bud, Glen L. Casey, Amarillo, Texas; 4. Apache Penny, Ray Tankersley, Holbrook, Ariz.; 5. Don Taylor, F. D. Stark, Seminole, Texas.

Stallions Foaled in 1949: 1. Shoemakers Pay Day, Jack Kyle, East Vaughn, N. M.; 2. Saddle Tramp, Jim and Velma Trent, Santa Fe, N. M.; 3. Little Red Indian, Mantle & Spriggs, Albuquerque.

Aged Stallions: 1. Bill Cody, Glen L. Casey; 2. Saddle Up, Mrs. Rose H. Fulton, Dragon, Ariz.; 3. Nugget McCue S., J. W. Shoemaker, Wadsworth, N. M.; 4. Mr. Hancock, Marianne McRae; 5. Royal King, Earl Albin, Comanche, Texas.

Mares Foaled in 1951: 1. Lady Judy Ann, Walter Solt & Sons, Artesia, N. M.; 2. Kay Starr, Billy C. Sykes, Ft. Sumner, N. M.; 3. Pretty Day, Joe Kirk Fulton, Lubbock, Texas; 4. Pitiful Hancock, Mildred Marrs, Albuquerque; 5. S. Bit Balmey, Dr. D. G. Strule, Abilene, Texas.

Mares Foaled in 1950: 1. May Flower, Hill Bros.; 2. Pasamonte Easter, Max Britt, Grenville, N. M.; 3. Flying Sandra, Don B. Flint, Colorado Springs, Colo.; 4. Victor's Vichie, Phillip S. McKee, Las Cruces, N. M.; 5. Tennis Baby, Bill Reed, Albuquerque.

Mares Foaled in 1949: 1. Racine McCue, Marianne McRae; 2. Mike's Eagle, Joe Turner, Jr., Albuquerque; 3. Vista Grande Mischief, C. M. Botts, Albuquerque; 4. Sunshine, Mantle & Spriggs; 5. Diabolo Rojo, William H. Fields, Albuquerque.

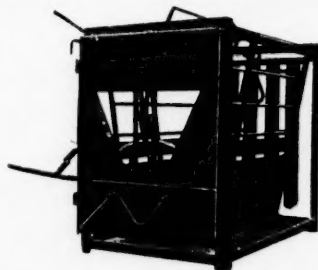
Aged Mares: 1. Susie F., J. Kirk Fulton; 2. Tonia T, Mrs. Rose H. Fulton; 3. Little Squaw B., J. D. Kitchens, House, N. M.; 4. Me's Blondie, Mrs. Pete Gooch, Abilene, Texas; 5. Nancy L. Hill Bros.

Mares and 1952 Foal: 1. Snappy Hancock, Mil-

MORE THAN

Seven Thousand

Cattlemen recommend PORTABLE



"America's Finest"

The chute that's sold 'round the world.

Made in two sizes to meet your specific needs: Model 52A is the ALL PURPOSE chute for Herefords, Angus, and Shorthorn Cattle. Model 52B, a SPECIAL CHUTE for Brahman Cattle, Santa Gertrudis, Charolais, Beefmaster and Brahman Crosses.

Write us for information about our new 1952 Models before you buy and indicate the size you prefer.

PORTABLE CATTLE CHUTE MFG. CO.

616 W. Uvalde St. Crystal City, Texas

KILL BRUSH

KILL MESQUITE, OAK AND
SHINNERY... INCREASE YOUR
RANGE AND PROFITS!

Stull's Brush Killers, 2.4-D and 2.4.5-T, are effective and economical when applied either by hand, power or aerial spraying. Stull's patented and exclusive penetrating carrier-agent means root-kill—therefore a complete kill—promoting grass growth.

STULL'S BRUSH KILLER

★ Mesquite and live oak choke profitable grassland, drawing tons of water from the soil.

★ The fast action of Stull's Brush Killer turns waste brush land into profitable ranges immediately.

Write for complete information

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San Antonio, Texas

Get
This Sign
Up...



Keep
Theft Losses
Down!

dred Marra; 2, Unnamed mare and colt, J. B. Jones, Albuquerque.

Geldings: 1, Get Along, L. R. Herring, Albuquerque; 2, Sonny Boy, Ed Bowman, Coolidge Dam, Ariz.; 3, Showboy S, J. W. Shoemaker; 4, Primo Billy, G. W. Evans, Jr., Magdalena, N. M.; 5, Banjo Shoemaker, Jack Kyle.

Produce of Dam: 1, Panzarit Daugherty, Hill Bros; 2, Alice McCue, Marianne McRae; 3, Honey Pie, Mildred Marra.

Grand Champion Stallion: Bill Cody, Glen L. Casey.

Reserve Champion Stallion: Settle Up, Mrs. Rose H. Fulton.

Grand Champion Mare: Susie F, J. Kirk Fulton.

Reserve Champion Mare: Tonie T, Mrs. Rose H. Fulton.

PALOMINO HALTER CLASSES

Stallion Foaled in 1951: 1, Casey's Golden Dan, Robert T. Parsons, Glenwood, N. M.

Stallion Foaled in 1950: 1, Don Taylor, F. D. St. John, Seminole, Texas; 2, Monte Gold Man, C. J. Fisher, Stanley, N. M.; 3, Lord Buckingham of Belvedere, Norma Elaine Eastman, Albuquerque.

Stallion Foaled in 1949: 1, Monte Cue, C. J. Fisher, Stanley, N. M.

Aged Stallions: 1, Chubnick, Hill Bros., Hereford, Texas; 2, Nugget McCue S, J. W. Shoemaker, Watrous, N. M.; 3, Golden Don Duke, Walter Solt & Sons, Artesia, N. M.; 4, Le's King Arthur, Mrs. Lee S. Evans, Marquez, N. M.

Grand Champion Stallion: Chubnick, Hill Bros.

Reserve Champion Stallion: Monte Cue, C. J. Fisher.

Mare Foaled in 1951: 1, Lady Judy Ann, Walter Solt & Sons, Artesia; 2, Le's Vanity Fair, Mrs. Lee S. Evans, Marquez, N. M.; 3, Chiquita Del Monte, Leon H. Harms, Albuquerque.

Mare Foaled in 1950: 1, Pasamonte Easter, Max Britt, Greenville, N. M.; 2, Moada's Golden Stevia, Mr. and Mrs. C. R. Moad, Pueblo, Colo.

Mare Foaled in 1949: 1, Hines Lady Bug, Jack G. Hine, Albuquerque; 2, Sunshine, Mantle & Spriggs, Albuquerque; 3, Will It's Gold Nugget, Whirling Dervish Ranch, Durango, Colo.; 4, Racine McCue, Marianne McRae.

Aged Mares: 1, Heel's Holden Alice, E. H. Calley, Cheyenne, Wyo.; 2, Mc's Blondie, Mrs. Pete Gooch, Abilene, Texas; 3, Lady Margo, Walter Solt & Sons; 4, Rascallita, E. H. Calley; 5, June Night, Toni Thomas, Phoenix, Ariz.

Grand Champion Mare: Heel's Golden Alice, E. H. Calley.

Reserve Champion Mare: Pasamonte Easter, Max Britt.

Mare and 1952 Foal (Both Palomino): 1, San Lassa and Plaudit's April, Leon H. Harms, Albuquerque; 2, Doll Face of Belvedere and filly, Norma Elaine Eastman, Albuquerque.

Geldings: 1, Tex McCue, Bob Baker, Denver, Colo.; 2, Show Boy S, J. W. Shoemaker; 3, Little Nugget, Jack Deane, Willard, N. M.; 4, Prince Mischief, Leon H. Harms; 5, Golden Stockings, C. J. Fisher.

Get-of-Sire: 1, Del Monte, C. J. Fisher; 2, Plaudit, Leon H. Harms.

Quarter Horse Reining: 1, Billy Kyle, Jack Kyle, East Vaughn, N. M.; 2, Slouch, Bill Hill, Odessa, Texas; 3, Misfortune II, Casey Darnell, Albuquerque; 4, Dusty's Joe H. Wayne Wallace, Albuquerque; 5, Miss Pinafore, Jack H. Bates, Albuquerque.

Palomino Reining: 1, Gold Stockings, C. J. Fisher, Stanley, N. M.; 2, Showboy S, J. W. Shoemaker, Watrous, N. M.; 3, Nugget McCue S, J. W. Shoemaker, Watrous, N. M.; 4, Golden Don Duke, Walter Solt & Sons, Artesia, N. M.; 5, Heel's Golden Alice, E. H. Calley, Cheyenne, Wyo.

Cutting Horse Contest: 1, Sonny Boy, Ed Bowman, Coolidge Dam, Ariz.; 2, Hollywood Snapper, Dr. B. G. Strode, Abilene, Texas; 3, Little Tom W., Phil Williams, Tokio, Texas.

Northwest Quarter Horse Show

ENTRIES from five states—California, Nevada, Oregon, Washington and Idaho—made up the annual Northwest Quarter Horse Show held at Pendleton, Ore., May 23. Ernest Brownling, Willcox, Ariz., made the placings.

The grand champion stallion was Me Too, by Clint Higgins, owned by Bill Robbins, Portland, Ore. Reserve honors went to Snyder's Shrimp, owned by Herman & Helen Snyder, Pendleton, Ore.

Cookie Mount by Music Mount, owned by Dick Wilde and Jack Givens, Nampa, Ida., was grand champion mare and Dextertette, owned by Francis Munns, Walla Walla, Wash., was reserve grand champion.

Harvey Matlock, Hermiston, Ore., showed the grand champion gelding,

Amigo, with reserve honors going to Francis Munns on Albuquerque.

Awards by classes follow:

Stallions, Foals of 1947 and older: 1, Bill Robbins, Portland, on Me Too by Clint Higgins; 2, on entry; 3, Muller & Son, on Little Hired Hand by Hired Hand; 4, Cecil J. Taylor, Yakima, Wash., on Idaho Red by Red Wood II.

Stallions, Foals of 1948: 1, Thorne on Pretty Pokey by Poco Bueno; 2, Tim Bernard, Loomis, Wash., on Moon Hancock by Tough Company; 3, Mr. and Mrs. H. Combs, Prosser, Wash., on Goff's Hardwood by Red Wood II; 4, Lieualen, on Buckskin Hank by Goldust, Shoemaker.

Stallions, Foals of 1949: 1, Francis Munns, Walla Walla, Wash., on Lew Silvertone by Silvertone; 2, Wilde & Givens, on Keota by Goldfield.

Colts, Foals of 1949: 1, Herman & Helen Snyder, Pendleton, on Snyder's Shrimp by Music Mount; 2, McLaughlin Bros., Farmer, Wash., on Snyder's Fury by Music Mount; 3, G. H. Turner, Prineville, on Lady's Joe by Andy's Joe; 4, Dan Opie, Venator, on Diamond Salute by Silver King.

Colts, Foaled Jan. 1, 1951 to June 30, 1951: 1, Mrs. Arthur Mann, Pendleton, on Dixie's Chore Boy by Little Hired Hand; 2, Thorne, on Pokey Joe by Pretty Pokey; 3, Manary, on Shasta Kimble King by Sonny Kimble; 4, George Nelson, Wamie, on Goldie's Bunter by Oregon Pass.

Mares, Foals of 1947 and older: 1, Snyder on Lowry Girl by Roan Hancock; 2, Manary on Handy Annie by King; 3, J. W. Sayre, Coquille, on Sip Sayre, by John L. Sullivan.

Mares, Foals of 1948: 1, Mums on Dextertette by Dexter; 2, Pat Smith, Hermiston, on Melody Mount by Music Mount; 3, Thorne, on Poco Mary by Poco Bueno.

Mares, Foals of 1949: 1, Lee Foster, Adams, on Lieualen's Sadie by Lieualen's Brown Bob; 2, Loyal F. Saunders, Tulelake, Calif., by Rico by 3, Flying X Ranch, Yakima, Wash., by Whispering Wind by Ed Echols; 4, Manary, on G-Fern Star Fleet by Star Duster.

Filles, Foals of 1950: 1, Dick Wilde & Jack Givens, Nampa, Idaho, on Cookie Mount by Music Mount; 2, Manary, on Osage Kate by Osage Red; 3, Wilde & Givens, on Flying Sauer by Music Mount; 4, W. R. Purchase, Pendleton, on Misty Mount by Music Mount.

Filles, Foaled Jan. 1, 1951 to June 30, 1951: 1, Thorne, on Pokey's Pattern by Pretty Pokey; 2, H. H. McIntyre, Pendleton, on Bud's Chessie by Frosty Dexter; 3, Emil Muller & Son, Helix, on Patawa Bonnie by Little Hired Hand; 4, Irvin Mann, Adams on Sadie Luck by Music Mount.

Filles and Colts, Foals of 1952: 1, Mrs. J. M. Kelso, Echo, on Susie Kel by Music Mount; 2, R. L. & Edith Lieualen, Athena, on Unnamed by Lieualen's Brown Bob; 3, Mr. and Mrs. Roland Manary, Mount Shasta, Calif., on Tidy Reed by Junior Red F; 4, Glenn Thorne, Pendleton, on Unnamed by Pretty Pokey.

Get-of-Sire: 1, Snyder on Music Mount; 2, Muller & Son, on Little Hired Hand.

Grand Champion Stallion: Bill Robbins, Portland, on Me Too.

Reserve Grand Champion Stallion: Herman & Helen Snyder, Pendleton, on Snyder's Shrimp.

Grand Champion Mare: Dick Wilde & Jack Givens, Nampa, Ida., on Cookie Mount.

Reserve Grand Champion Mare: Francis Munns, Walla Walla, Wash., on Dextertette.

Grand Champion Gelding: Harvey Matlock, Hermiston, on Amigo.

Reserve Grand Champion Gelding: Francis Munns, Walla Walla, Wash., on Albuquerque.

New Drugs for Treating Anaplasmosis

RESEARCH veterinarians may have some good news for cattle owners in areas where a serious blood disease, anaplasmosis, has been causing extensive losses.

A report at the national convention of the American Veterinary Medical Association last month revealed that two antibiotic drugs, tetracycline and aureomycin, have now been used successfully in combating this disease. Anaplasmosis is caused by a tiny parasite which attacks the red blood cells in cattle.

Dr. James G. Miller of the department of veterinary science at Louisiana State University said that when anaplasmosis-infected calves received these antibiotics daily over a 16 to 20 day period, they did not produce anaplasmosis after 60 days' incubation.

"It is too early to conclude that the anaplasma have been eradicated by this treatment, but it is apparent that a marked effect has been made on the infectiveness of the blood," Dr. Miller said.

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Headed by Grandview Upright 2d
We have a nice group of calves on
the ground by this bull and they
are proving him to be a real herd
sire.

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The Cattleman is read by more than
150,000 ranch folk. Reach this market
by advertising in The Cattleman.

Highest Auction Sale for Polled Shorthorns

HIGHEST auction sale ever held for
Polled Shorthorn cattle was rung
up at the Oakwood Farm sale in
Ashland, Ohio, on May 26. The herd
belongs to Paul Teegardin & Son.

The average of \$1,376 for 53 head and
the bull and female tops of \$10,500 and
\$4,600 respectively, all represented auc-
tion records for this coming hornless
variety that was developed in America
in the early 1880's.

Eleven bulls sold for an average of
\$2,233, and 42 females, \$1,151.00. Top
ten females averaged \$1,850.

Hi Ho Farm, owned by Herschel Allen
& Son, Phoenix, Md., made the purchase
bid for the highest-selling female, Oak-
wood Good Fortune 2d by Oakwood
Leader and out of Oakwood Good For-
tune. Top bull went to M. E. Beeman &
Son, Thurman, Ohio. He was Oakwood
Determination by Commander in Chief
and out of Gloster of Oakwood B.

The world-wide market for Oakwood
Polled Shorthorn cattle was shown in a
buyers' list in their sale catalog. Tee-
gardin cattle not only have enjoyed wide
outlets in the United States but have
gone to herds in ten foreign countries.
They include Canada, Australia, New
Zealand, South Africa, Cuba, Uruguay,
Colombia, Venezuela, Argentina and Ja-
maica.

West Texas Field Day

At Tech July 11

THE West Texas Aberdeen-Angus
Field Day will be held at Lubbock,
Texas, July 11, following a herd-
man school at Texas Tech, July 9-10.
Aberdeen-Angus breeders, interested in
knowing more about cattle and how to
take care of them, should make it a point
to take in both the school and the Field
Day.

Farm Accidents Take Huge Toll

FARM work accidents for the past
year reached a staggering total both
in persons involved and in financial
loss. Figures compiled by the Bureau of
Agricultural Economics show that 4,000
persons were involved in fatal farm
work accidents.

Permanently disabled totaled 250; loss
of arm or leg, 11,400; loss of finger or
toe, 30,900; and temporary disability af-
fected 378,000. The number of farm acci-
dents affected a total of 424,550 persons.

Financial loss in accident insurance
in 1951 reached an estimated \$177-
400,000, the major part of which resulted
from disabling farm accidents. Acci-
dents affecting farmers are expected to
cost about one billion dollars this year—
including fire and motor vehicle and
property damages. For example, four
farm buildings will burn every hour of
every day, according to the National
Protection Association, and every 24 sec-
onds a disabling injury will strike some
unlucky farm person.

About 15,000 farm residents die and
about 1,300,000 are injured in rural ac-
cidents each year. The farm motor ve-
hicle accident rate strikes down about
6,000 persons and leaves 220,000 to suf-
fer injuries from operating motor ve-
hicles each year.

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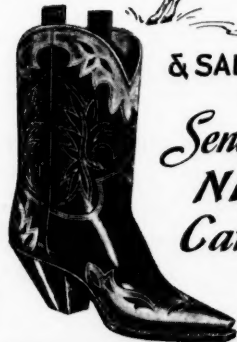


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Quarterly Meeting of Pan American Zebu Association

TWENTY-FIVE new breeders were elected to membership in the Pan American Zebu Association at a quarterly board meeting held by the organization on June 13 in El Campo, Texas. According to Henderson Coquat, a former director and official of the Association, the El Campo Board meeting was one of the most successful quarterly meetings ever held by the Association. The number of new members taken into the Association at this meeting reflects the growing interest that is centered around the activities of the Pan American Zebu Association.

Stanley Kubela of Simpsonville, Texas, president of the Association, presided. Approximately seventy-five persons attended the meeting, including the following breeders who are members of the Board of the Zebu Association: M. M. Davis, Charlotte, Texas; J. A. Clifford, Weslaco, Texas; W. S. Jacobs, Jr., Houston, Texas; Otis Cox, Cotulla, Texas; Dr. Alberto Beguiristain, Sague La Grande, Cuba; J. W. Martin, Jr., Cotulla, Texas, and Roy G. Martin, who serves as secretary of the Association.

The secretary's report indicated that the Association had entered 1379 Zebu animals upon its herd books during the quarter ending April 30, 1952. It was pointed out that 728 of these animals were entered as foundation cattle. Foundation registration involves animals that are offered for registration in the Association for the first time, and they are entered without pedigree upon the appraisal and individual analysis of the breeding quality of the animals concerned. The fact that the Zebu Association is endeavoring to re-classify animals with the Zebu Association in accordance to a specific breed type makes this Association unique in its endeavor to preserve the quality of the purebred animals for which it is establishing records.

The PAZA Board considered the matter of making efforts to arrange for the importation of breeding cattle from Cuba. It was the sense of the meeting that such an arrangement would be in the interest of Brahman and Zebu cattle breeders in the United States.

Director W. S. Jacobs, Jr., of Houston, Texas, expressed his impressions of the First Inter American Zebu Cattle Congress, and congratulated the Cuban Zebu Cattle Association for their endeavors in respect to initiating and organizing the First Congress. Through his actions, the Board went on record favoring a Second Congress to be held in 1953, in conjunction with the San Antonio Livestock Exposition.

The Board discussed a request for the PAZA to conduct a showing of Zebu cattle at the 1952 East Texas State Fair, to be held at Tyler, Texas, September 8-13. The Board went on record favoring the Association's participation in this show.

The PAZA Board, during the course of this meeting, projected plans for the 1953 San Antonio Livestock Exposition, the home of the Association's National Zebu Show. Authority was established for participation in this show, and the Board nominated Dr. Carlos Smith, President of the Brazilian Zebu Society, to serve as judge for the 1953 Zebu show,

provided his services can be procured.

The Board also announced the Zebu Association's affiliation with the National Livestock Society of Livestock Record Associations, a national organization of livestock breed associations located in Chicago, Illinois.

Montana Stockgrowers Hold 68th Annual Convention

MONTANA stockgrowers gathered in Butte for their 68th annual convention May 22-23, were informed by Dr. F. J. Mulhern, Bureau of Animal Industry, Washington, D. C., that the outbreak of foot and mouth disease just 50 miles across the Montana border in Saskatchewan was under control and that the Canadian government was co-operating in every way to limit the outbreak to the quarantine area and the buffer zone which has been established in that province of Canada.

Border patrols, both on the Canadian side of the border and within Montana and North Dakota, he said, are not only preventing shipment of cattle into the states from the infected area, but also disinfecting all vehicles which are used for shipment of cattle in or out of Canada.

Many stockmen attending the convention favored the construction of a fence on the open range between the United States and Canada to prevent wandering of Canadian cattle or other animals into this country. Recently 20 head of cattle from a northern Montana herd were confined for observation by federal authorities after it had been learned that they had wandered across the U. S. Border into Saskatchewan.

C. K. Warren, Deer Lodge, retiring president of the association, pointed out that if just one case of the disease should be found in Montana, neighboring states could slap a strict quarantine on Montana and demoralize the livestock industry in the state.

A committee composed of R. E. House, Browning; Ray Finley, Cut Bank; T. A. Ross, Chinook; and W. H. Shafer, Whitlash, was appointed to consult with Lyman Brewster, president of the sanitary board of the Montana Livestock Commission on recommendations to be presented to a conference in Washington, D. C.

Dr. H. F. Wilkins, state veterinary surgeon, stressed the need for more veterinarian research and declared that each state should have its own research laboratory to deal primarily with its own state problems but that regional laboratories should also be established to study disease problems common to a particular region.

One of the resolutions adopted at the convention recommended changes in a congressional act to build a laboratory for the study of foot and mouth disease. The proposed amendment would provide that the laboratory be authorized to work on all vesicular and virus diseases of livestock and that the construction of the laboratory be authorized within the continental boundaries of the United States rather than on an island.

Other resolutions opposed a petition

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now being circulated to amend the state workmen's compensation law; Opposed continuation of price controls on meat; Opposed increases in intrastate freight rates;

Opposed a recent regulation by the federal meat inspection service providing that horse meat can be included in hamburger and sausage if properly labeled. This, the association said, might induce further scandals in the sale of horse meat as beef;

Suggested that the hunting season be extended and a female kill permitted where necessary to reduce big game in Montana to the carrying capacity of the winter range.

G. R. "Jack" Milburn, Grass Range, was elected president at the closing session succeeding C. K. Warren, Dear Lodge.

Dan Fulton, Ismay, was elected first vice president; J. S. Brenner, Grant, second vice president; and E. A. Phillips, Helena, was re-elected secretary.

Pig Crop Report

THE 1952 spring pig crop in Texas, estimated at 924,000, was 23 per cent below the 1,196,000, spring crop a year ago—30 per cent below average and the smallest since 1935, the U. S. D. A. reports. Litters averaged 6.6 pigs which is the highest of record and compares with 6.5 pigs last year—(the previous record)—and 6.0 pigs average for the 10-year period 1941-50. Number of sows farrowed at 140,000 was 24 per cent under last spring and a record low with the previous low in the spring of 1930 at 141,000 sows. Hog production was sharply curtailed during the past year in all parts of the State. Conditions throughout the State during late 1951 and 1952 forced the drastic reduction in farrowings. The 1951 grain crop was short in all areas except the High Plains, and feed prices moved higher as the drought intensified during the winter while hog prices remained relatively low.

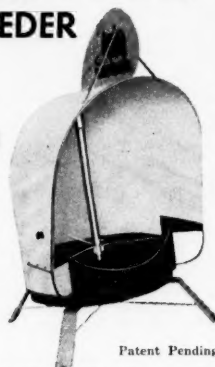
If intentions are carried out, 1952 fall farrowings of 129,000 sows will be 22 per cent less than last year and the lowest since 1934.

The number of pigs saved in the United States during the spring season of 1952 (December 1, 1951 to June 1, 1952) is estimated at 56,607,000 head. This is 5,400,000 head or 9 per cent smaller than the spring crop last year and is the smallest since 1948. However, it is 1 per cent larger than the 10-year average. The number of sows farrowing in the spring of 1952 is estimated at 8,530,000 head, or 11 per cent smaller than last year and 5 per cent smaller than the 10-year average. The 1952 spring farrowings are 3 per cent, or 264,000 sows less than indicated by farmers' reports on intentions last December. The number of pigs saved per litter at 6.64 is the highest on record for the spring pig crop. This is 3 per cent more than the 6.47 pigs saved per litter for 1951 which was the previous high. Weather conditions over most of the important hog producing states were very favorable during the spring farrowing season.

Reports on breeding intentions indicate that 5,566,000 sows will farrow in the fall of 1952. This is 523,000 sows or 9 per cent less than the number farrowing last fall. If these intentions are realized, the number of sows farrowing during the fall season (June 1 to December 1) would be the smallest since 1948.

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Texas Livestock Markets' Review

Price Range at Fort Worth, Houston and San Antonio During Past Month

FORT WORTH Trade in the cattle yards on the Fort Worth Livestock market during June was featured by increased supplies and a sharp break in prices. Values of all classes of livestock toward the latter part of June were much lower than in month previous.

Receipts of mature cattle during the first three weeks of June were more than double the number offered during the same period a year ago. Calf receipts were also much larger, but hog and sheep supplies are down a few thousand head compared with a year ago. Offerings in the cattle yards were largely cows and low grade yearlings, including stockers.

Recent sales compared with a month ago show most slaughter steers and yearling \$2.00 lower, with some utility grades \$3.00-\$5.00 lower. Cows are \$2.50-\$4.00 lower and bulls were mostly \$2.00 lower. Slaughter calves ranged from \$2.50-\$5.00 lower. Stocker steers and yearlings show a drop of \$6.00-\$8.00 compared with a month ago. Stocker cows were \$3.00-\$4.00 lower and stocker calves from \$3.00-\$6.00 lower.

After the recent break, good and choice slaughter steers and yearlings cashed from \$27.00-\$32.00. Earlier in the month similar offerings turned from \$33.00-\$34.50. Utility and commercial grades turned recently from \$18.00-\$26.00 and cutter grades \$17.00 down.

Cows grading utility and commercial cleared recently from \$15.00-\$20.00, with sales of commercial cows during the first half of June up to \$24.00, mostly \$23.00 down. Canners and cutter cows sold recently from \$10.00-\$15.50. Cutter, utility and commercial bulls sold from \$16.00-\$26.25, with recent sales \$24.00 down.

Good and choice slaughter calves crossed the scales recently from \$29.00-\$31.00, with several sales during the first half of June to \$35.00. Utility and commercial calves cleared recently from \$18.00-\$26.00 and cull calves from \$15.00-\$17.00.

Medium to choice stocker and feeder yearlings sold early in June from \$26.00-\$35.00, with recent sales from \$20.00-\$28.00 and common down to \$18.00. Good and choice stocker calves sold early in the month from \$31.00-\$37.00, a few

lights to \$40.00. Recent sales of good and choice stocker calves were reported from \$27.00-\$31.00, and common and medium grades from \$18.00-\$26.00. Stocker cows cleared from \$17.00-\$21.00.

Butcher hogs on June 20 sold \$1.75 lower than a month previous. The top so far this month \$21.75 was paid June 2. Good and choice 180-240 lbs. turned recently from \$19.75-\$20.00. Choice lighter and heavier weights ranged from \$17.50-\$19.50. Sows cleared recently from \$13.00-\$17.00 and feeder pigs from \$13.00-\$16.00.

Sales in the sheep yards show slaughter spring lambs \$4.00-\$4.50 lower than a month ago. Slaughter yearlings were about \$8.00 lower, slaughter ewes \$5.00 lower. Feeder lambs \$4.00-\$5.00 lower. Choice spring lambs sold to killers up to \$30.00 during the fore part of the month. Good and choice springers moved recently from \$22.00-\$24.00, with cull and utility grades from \$12.00-\$18.00. Good and choice shorn lambs and mostly yearlings turned from \$9.00-\$15.00 and two-year-olds from \$9.00-\$13.00. Aged wethers sold recently from \$7.00-\$9.00 and slaughter ewes from \$5.00-\$8.00. Feeder lambs are moving out from \$10.00-\$17.00 and feeder yearlings from \$10.00-\$16.00.

SAN ANTONIO Trading on the San Antonio market during June was marked by the most drastic declines recorded in cattle, hogs and sheep in many months. Good grade slaughter steers and yearlings were mostly \$1.00 lower as compared with the previous month's close with utility and commercial unevenly \$1.00-\$3.00 lower. Slaughter cows were unevenly \$2.00-\$3.00 lower and bulls \$2.50-\$3.50 down.

Commercial to choice slaughter calves ruled \$2.00-\$2.50 lower with cull and utility unevenly \$1.00-\$3.00 lower. Stocker yearlings were \$2.50-\$4.00 off with extremes \$5.00 down. Stocker calves showed \$2.00-\$4.00 declines, extremes \$5.00 off.

Load lots good around 1,050 lb. slaughter steers cashed at \$30.00-\$31.00; commercial and good 900 lbs. \$28.00-\$28.50. Utility to average commercial claimed \$24.00-\$25.50 with cutter and utility \$17.00-\$23.00. Load average to high choice 634 lb. fed yearlings earned \$34.25

with load lots high good and choice going at \$32.50-\$33.00. Bulk average commercial to average good went at \$27.50-\$30.00 with low commercial at \$25.50-\$26.50.

Utility beef cows ranged from \$17.00-\$23.00 but nothing above \$20.00 late in the period. Canners and cutters spread from \$10.00-\$18.50, most sales \$13.00-\$16.00. Utility bulls sold early in the period at \$22.00-\$24.50 but in later trading moved in a \$22.50-\$22.75 bracket. Cutter lightweights changed hands at \$17.00-\$21.00.

Good and choice calves moved at \$28.00-\$34.50, mostly \$29.00-\$32.00. Utility and commercial earned \$22.00-\$28.00 and culls \$16.00-\$21.00.

Medium, good and choice stocker calves closed at \$24.00-\$31.00 after selling early in the period at \$31.00-\$35.00, few to \$36.00. Medium and good yearlings took \$24.00-\$30.00, mostly \$28.00 down. Common and low medium calves and yearlings crossed the scales at \$20.00-\$23.00. Around six loads medium 765-905 lb. stocker steers claimed \$24.00-\$25.00 and load common \$28 lbs. at \$22.50. Common and medium stocker cows bulked at \$18.00-\$23.00.

Swine prices followed cattle in the downward trend. Butchers and sows were 75c-\$1.00 lower and feeder pigs were mostly 50c off. Good and choice 180-270 lb. butchers made \$20.00-\$21.00. Sows took \$17.50-\$19.00. Good and choice 70-130 lb. feeder pigs sold at \$17.50-\$19.00.

Drastic reductions also occurred in the sheep division. Spring lambs were \$6.00-\$7.50 lower, shorn lambs and yearlings mostly \$5.00 lower; aged sheep \$1.00-\$2.50 down and feeder lambs \$1.00-\$1.50 off. Bulk good and choice spring lambs cleared \$20.50-\$26.00. Utility and good shorn lambs and yearlings made \$15.00-\$21.00. Good and choice ewes and wethers took \$9.00-\$9.50, call and utility \$6.50-\$8.50. Medium and good spring feeder lambs scored \$14.00-\$17.50, few decks to \$18.00.

In the goat division, cull and common Angoras earned \$6.50-\$7.50, few to \$10.00-\$10.25. Stocker Angoras made \$8.00-\$9.00 and kids bulked at \$4.50-\$6.50 per head.

HOUSTON Trading was active a small portion of the time during the past month, but as a rule, the tempo was rather slow. Good and choice

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grades of slaughter calves were in fairly broad demand but other classes met with some indifference on the part of buyers.

Several loads of steers arrived during the month, going on both slaughter and stocker accounts. The supply of cows was not large with the bulk of the class grading Cutter and Utility. Calf receipts did not equal the numbers expected to arrive but a fair portion were in condition to grade Good to Choice although Commercial grade predominated. Both whiteface and Brahman type stocker calves were on offer consistently.

The total salable receipts for the month amounted to approximately 4,400 cattle and 10,850 calves, showing a gain of 1,800 head over the previous month. During the corresponding reporting period of last year, 4,038 cattle and 10,212 calves arrived, indicating a gain of about 6½% for the current month in comparison.

Good and Choice slaughter calves showed some strength during most of the period but most other represented classes experienced price declines. The Good and Choice calves declined during the last week. Utility and Commercial slaughter steers sold from \$22.50-28.00. Utility and Commercial slaughter cows cashed from \$18.50-22.00, about \$3.00 under the last report. Canner and Cutter cows sold from \$13.00-18.00. Cutter and utility bulls made from \$21.00-26.00. A top of \$35.00 was paid for choice slaughter calves during most of the period but \$34.00 was the extreme at the close. Good calves sold mainly from \$30.00-33.00 with utility and commercial from \$23.00-30.00 and cull from \$15.00-22.00. Final quotations for whiteface stocker calves included medium and good from \$27.00-32.00, off about \$2.00. The bulk of the Brahman type calves went at \$25.00 with light weights from \$27.00-32.00. Common and medium stocker steers sold from \$20.00-25.00 and most stocker cows cashed around \$19.00-20.00.

Hills and Dales Hereford Sale

SUMMARY

84 Bulls	\$ 38,240; avg.	\$455
275 Females	144,640; avg.	526
359 Head	182,880; avg.	509

BUYERS from seven states made selections in the huge herd reduction sale of Herefords by Hills & Dales held June 9-10 near LaGrange, Ga.

Top selling bull of the sale was H & D Real Silver Domino 22nd by Real Silver Domino 44th. This good four year old herd sire sold for \$1,850 to R. B. Troutman, Jr., Atlanta, Georgia.

H. H. Harold, Charlotte, N. C., paid \$1,725 for H & D Real Silver Domino 147th, a summer calf by H & D Real Silver Domino 69th, and Smithdale Hereford Farms, Limestone, Tenn., bid to \$1,575 to get his half brother, H & D Real Silver Domino 149th.

The top female price, and top price of the sale, was \$2,000. V. L. Toussaint, Hattiesburg, Miss., paid this amount to get Maybelle 44th, a nine year old daughter of Bear Creek Prince with twin heifer calves at side by H & D Larry Domino 1st.

Three Dudley's Farm, Athens, Ga., bought two of the top female lots at \$1,000 each. One was HH Miss Bocaldo 296th, a nine year old daughter of Letston Bocaldo with a bull calf at side by H & D Larry Domino 1st. The other was Jeanne Domino 268th, a seven year old daughter of Young Mixture 50th. She sold bred to H & D Real Silver Domino 6th.

G. H. Shaw, A. W. Hamilton and Bill Pace were the auctioneers.

CATTLELOG

James A. Monk has joined the staff of Vit-A-Way, Inc., at Fort Worth, Texas, in the capacity of nutritionist. Monk, a graduate of Oklahoma A&M College, has worked in the field of nutrition for the last thirteen years. His background and experience in this field will further augment the service policy of Vit-A-Way, Inc., in its cooperation with the Feed and Livestock Industry in their search for greater livestock profits through improved nutrition.

A shipment of 2,600 Hereford steers from the Groesbeck area to grass lands and feed lots in the Mid West during the

last of May established a new record for cattle shipments from this area in recent years. During the month of May J. P. Stacey, local station agent of the Southern Pacific Lines, reports that 106 cars of cattle, with each car averaging about 40 head, have been shipped by rail to points all over the United States. These cattle leaving Groesbeck go to ranges from the Atlantic seaboard to California and from the Gulf States to Canada, according to Stacey.

The American Polled Hereford Association is reserving the registration number 500,000 for the bull judged the champion of the National Polled Hereford Show at Tulsa, October 29-30.

A crowd of around 250 persons attended the field day held at Double L Ranch near Fort Worth, June 11. Double L Ranch, which comprises around 4,000 acres, was purchased by Law Brothers from the F. Hays McFarland estate several years ago and is devoted to the raising of purebred Polled Hereford cattle with a herd numbering more than 700. The program, which included a number of prominent speakers, was followed by a barbecue dinner. A western band provided music throughout the day's activities.

Kingford Farms Hereford Sale

SUMMARY

1 Bull	\$ 3,000; avg.	\$3,000
85 Females	49,680; avg.	584
86 Head	52,680; avg.	613

KINGFORD FARMS production sale of Hereford cattle was held June 19 at the farm near Siloam Springs, Ark., and proved to be one of the bargain sales of the year.

There was only one bull offered and he proved to be the sale topper at \$3,000. He was Kingford Mission 8th, a January, 1950, son of TT Royal Mission, and sold to John Washington, Talequah, Okla.

Top selling female was Betty Mission, a September, 1950, daughter of TT Royal Mission. She sold carrying the service of Noes Baca Duke 108th to Parker Ranch, Chelsea, Okla., for \$2,400.

The second top selling female lot, Nita Elation 40th by Baca Elation, with a heifer calf at side by Noes Baca Duke 108th, went to J. P. McNatt, Greenville, Texas, on a bid of \$1,290.

Olvey Hereford Ranch, Harrison, Ark., bid to \$1,000 to get Miss Anita K, a January, 1951, daughter of WHR Helmsman 8th.

Auctioneers were A. W. Thompson and Gene Watson.



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**R. Pryor Lucas Herefords
Dispersed**

SUMMARY		
11 Bulls	\$ 6,525; avg.	\$593
106 Females	55,315; avg.	522
117 Head	61,840; avg.	529

THE Hereford herd of the late R. Pryor Lucas was dispersed in Beeville, Texas, June 5. Lucas, widely known in Hereford circles and well liked by everyone who knew him, was a former president of the Texas Hereford Association and was an active director in the Texas and Southwestern Cattle Raisers Association at the time of his death in March, 1951.

The top price of the sale of \$1,400 was reached on Ambrose Alvilo Domino, an eight year old herd bull that was the sire of every calf in the sale. This great-grandson of Prince Domino Mixer sold to T. H. Heard, Beeville.

A. C. Jones, Beeville, paid \$710 for Albert Domino, the second high selling bull. He was a January, 1951 son of C. Domino Albert 41st.

Superior Lass 5th, a four year old daughter of White Mt. Super 13th, was the high selling female of the sale as she went to Dr. L. N. Connally of Beeville on a bid of \$1,100.

Arthur Robichaux, Brookshire, Texas, was the heaviest buyer of the sale with his purchase of seven head. Included in this group at \$1,000 was Superior Lass 1st, a four year old daughter of White Mt. Super 13th.

Also selling for \$1,000 to Dr. L. N. Connally was Josie, a four year old daughter of Best Man.

Walter Britten and G. H. Shaw were the auctioneers.

**Morlunda Farms Herefords
Average \$2,358**

SUMMARY		
9 Bulls	\$ 32,500; avg.	\$3,611
61 Females	132,575; avg.	2,173
70 Head	165,075; avg.	2,358

BUYERS from ten states made selections from the offering at Morlunda Farms fifteenth annual Hereford sale held June 21 at Lewisburg, W. Va.

Advance Larry, a January, 1951, son of Dandy Larry Domino 46th, topped the sale at \$10,000, going to E. P. Porter of Bunker Hill, W. Va.

The second top price for bulls was reached on two occasions. Bull Run Farms, Clifton, Va., paid \$5,000 for Morlunda Domino 122nd, an April, 1950, son of Morlunda H. Domino 12th and Morlunda Royal Larry, a December, 1950, son of Dandy Larry Domino 46th went to Roberts Hereford Farms, Elizabeth, W. Va., at the same figure.

The female top of \$9,400 was reached on Morlunda Larryann 22nd, an April, 1951, daughter of Dandy Larry Domino 46th and out of a Morlunda H. Domino 12th dam. This top show heifer went to Mt. Sharon Farms, Orange, Va.

Parker Ranch, Chelsea, Okla., bought the second top selling female, Morlunda H. Larret, a January, 1951, daughter of Dandy Larry Domino 46th, on a bid of \$5,050.

Delsona Baca 157th, a two-year-old daughter of Noes Baca Duke 14th, went to McCormick Farms, Wadsworth, Ohio, on a bid of \$5,000.

Auctioneers were Jewett Fulkerson, A. W. Hamilton and Hamilton James.

**Hereford Heaven Association
Sale**

SUMMARY		
3 Bulls	\$ 2,050; avg.	\$ 683
47 Females	50,905; avg.	1,083
50 Head	52,955; avg.	1,059

THE Hereford Heaven Association held its eighth annual sale the night of June 13 in conjunction with a tour of ranches in that area. The sale was held at Healey Brothers Flying L Ranch, Davis, Okla.

TR Zato Heirss 97th, a September, 1950, daughter of TR Zato Heir, consigned by Turner Ranch, Sulphur, Okla., was the high selling animal of the sale. She sold carrying the service of Hillcrest Larry 4th to Al Buchanan, San Antonio, Texas, for \$5,200.

The next two top selling females were also consigned by Turner Ranch. Parker Ranch, Chelsea, Okla., paid \$5,100 for TR Lady Larry 2nd, an October, 1950, daughter of HC Larry Domino 12th bred to TR Zato Heir, and TR Zato Heirss 125th, a November, 1950, daughter of TR Zato Heir bred to Hillcrest Larry 4th, went to Ted Warkenten, Lawton, Okla., for \$3,000.

Only three bulls were offered in the sale. H. Proud Mixer 28th, a June, 1951, son of H. Proud Mixer consigned by W. E. Harvey, Ada, Okla., sold to Connors College, Warner, Okla., for \$1,050. The other two bulls were consigned by Theo Cash, Ada, Okla. Mackey Tone 2nd by Del Zento 28th sold to SEA Cattle Company, Ardmore, Okla., for \$500, and Star Domino 40th by Del Zento 33rd brought \$500 from Lazy S Ranch, Springer, Okla.

Jewett Fulkerson was the auctioneer.

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Blackleg Bacteria**

STOCKMEN will be interested to note a recent milestone in the history of the cattle industry's battle against blackleg. It was the bottling of the 100,000,000 dose of clostridium immunizing product by the Franklin laboratory at Amarillo, Texas.

The occasion was commemorated by the placing of a gold band around that particular bottle of Franklin Clostridium-Chauvei-septicum Bacterin as it went through the laboratory production line on its way to the regular dealer outlets.

Leading stockmen have paid tribute to Dr. O. M. Franklin as a benefactor of the industry by his contribution of original scientific immunizing agencies responsible for preventing the loss of many millions of calves.

Although deadly blackleg germs are still widely prevalent throughout the vast expanse of the cattle producing areas of the United States and Canada, it is unusual for alert stockmen to have a Blackleg loss. That is because of the almost universal use of protective vaccines. These immunizing agents, first developed and put on the market by Dr. Franklin, are so potent in their protective qualities that once a dose is injected in the blood stream of a calf, that animal ceases to be susceptible to the infection.

Back in 1916 the losses from Blackleg were so devastating as to threaten to put the western stockmen out of business. Such crude types of pill and powder vaccines as were then available failed to check the death losses. The Kansas Experiment Station, with Dr. Franklin in charge of the experimental work, succeeded in producing an aggression that gave dependable immunity. A group of prominent stockmen engaged Dr. Franklin as superintendent of a commercial laboratory which they set up on a small scale.

This was the beginning of what is now the O. M. Franklin Serum Company. Further research later resulted in the invention of Blackleg Bacterin—improving the safety features, and greatly reducing the cost. With this was later combined an immunizing dose against Malignant Edema, a similar disease caused by a different organism.

Today's stockmen have plenty of problems. But protection from Blackleg loss can hardly be considered one of them, thanks to the work of Dr. Franklin, and other veterinarian scientists who later entered this vital field of livestock disease control.

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SELLERS AND BUYERS OF CATTLE, HOGS AND SHEEP

LIVESTOCK CALENDAR

JULY 1952						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

AUGUST 1952						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

SEPTEMBER 1952						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
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29	30					

OCTOBER 1952						
S	M	T	W	T	F	S
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22	23	24	25	26	27	28
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NOVEMBER 1952						
S	M	T	W	T	F	S
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DECEMBER 1952						
S	M	T	W	T	F	S
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29	30	31				

JANUARY 1953						
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FEBRUARY 1953						
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MARCH 1953						
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APRIL 1953						
S	M	T	W	T	F	S
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MAY 1953						
S	M	T	W	T	F	S
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22	23	24	25	26	27	28
29	30	31				

JUNE 1953						
S	M	T	W	T	F	S
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15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

HEREFORD SALES

- Sept. 1—C T Ranch Dispersion, Miami, Okla.
 Sept. 11-13—L. L. Jones & Son Dispersion, Garden City, Kans.
 Sept. 18—Hereford Heaven Feeder Calf Sale, Ardmore, Okla.
 Sept. 26—Lacy T Ranch, Hallett, Okla.
 Sept. 30—George L. Fritz, Lake City, Kans.
 Oct. 3—Arkansas Hereford Assn., Little Rock, Ark.
 Oct. 3—Wyoming Hereford Ranch, Cheyenne, Wyo.
 Oct. 7—Jordan Valley Herefords, Clinton, Okla.
 Oct. 13—Northeast Texas Hereford Association, Dainergfield, Texas.
 Oct. 13—Smithdale Hereford Farms, Limestone, Tenn.
 Oct. 17—Dellford Ranch, Eldorado, Kans.
 Oct. 18—Ch. Ranch, Brookville, Kans.
 Oct. 20—Bryan County Hereford Assn., Durant, Okla.
 Oct. 21—New Mexico Hereford Assn., Clovis, N.M.
 Oct. 23—Valley Acres, Mayfield, Okla.
 Oct. 24—Nance Hereford Ranch, Canyon, Texas.
 Oct. 27—Thorp Hereford Farms, Britton, S. D.
 Oct. 27—South Texas Hereford Breeder-Feeder Sale, Beville, Texas.
 Oct. 28—Shortgrass Hereford Assn., Roosevelt, Okla.
 Oct. 29—Hill Country Hereford Assn., Mason, Texas.
 Oct. 30—MFM Hereford Farms, Pulaski, Tenn.
 Nov. 1—Circle A Hereford Farm, Morris, Ill.
 Nov. 5—Magic Empire National Hereford Sale, Tulsa, Okla.
 Nov. 7-8—NE New Mexico Hereford Assn., Raton, N.M.
 Nov. 10—Freeman & Graves, Pulaski, Tenn.
 Nov. 12—Brown County Horned Hereford Assn., Brownwood, Texas.
 Nov. 13—Capital Area Hereford Assn., Austin, Texas.
 Nov. 14—Palo Pinto Hereford Assn., Mineral Wells, Texas.
 Nov. 16—Woody Hereford Ranch, Barnard, Kans. (Sale at Kansas City, Mo.)
 Nov. 17-18—Roundup Hereford Sale, Fort Worth, Texas.
 Nov. 18-19—Kansas Hereford Futurity, Hutchinson, Kans.
 Nov. 19—Mid-North Texas Hereford Assn., Cleburne, Texas.
 Nov. 23—Far-Ken Ranch, Chelsea, Okla.
 Nov. 24-25—One-Stop Hereford Assn., Lovington, N.M.
 Nov. 29—Texas-Oklahoma Hereford Assn., Wichita Falls, Texas.
 Dec. 1—South Central Oklahoma Hereford Assn., Chickasha, Okla.
 Dec. 1—West Texas Hereford Assn., Abilene, Texas.
 Dec. 2—Sweetwater Area Hereford Assn. Sale, Sweetwater, Texas.
 Dec. 3—Coleman County Calf Sale, Coleman, Texas.
 Dec. 3—Western Oklahoma Show and Sale, Clinton, Okla.
 Dec. 4—Hammon Hereford Ranch, Wichita Falls, Texas.
 Dec. 5—Clay County Hereford Assn., Henrietta, Texas.
 Dec. 6—Blanco County Hereford Assn., Johnson City, Texas.
 Dec. 8—Anxiety 4th Hereford Breeders, Amarillo, Okla.
 Dec. 9—Bridwell Hereford Ranch, Wichita Falls, Texas.
 Dec. 10—Five Star Polled Hereford Sale, Temple, Okla.
 Dec. 10—J. P. McNatt, Greenville, Texas.

- Dec. 13—Hereford Heaven Range Bull Sale, Ardmore, Okla.
 Dec. 15—Joy Acres and Doughton Meadows, Stateville, N.C.
 Dec. 15—Central Oklahoma Hereford Br., Oklahoma City, Okla.
 Dec. 30—Southeastern New Mexico Hereford Assn., Roswell, N.M.
 Jan. 8, 1953—Howard-South Plains Hereford Assn., Big Spring, Texas.
 Jan. 10—Concho Hereford Assn., San Angelo, Texas.
 Jan. 12—Mid-Texas Hereford Assn., Stephenville, Texas.
 Jan. 12—A. H. Karpe's Greenfield Hereford Ranch, Bakersfield, Calif.
 Jan. 19-20—National Western Hereford Sale, Denver, Colo.
 Jan. 30—Southeast New Mexico Hereford Assn., Roswell, N.M.
 Feb. 9—Kansas Hereford Assn., Range Bull Sale, Dodge City, Kans.
 Feb. 17—Top O' Texas Hereford Assn., Pampa, Texas.
 Feb. 20—Beckham County Hereford Breeders, Sayre, Okla.
 Mar. 2—Bryan County Hereford Assn., Spring Sale, Durant, Okla.
 Mar. 13—East Texas Hereford Br. Assn., Tyler, Texas.
 Mar. 14—Northeast Texas Hereford Assn., Dainergfield, Texas.
 Mar. 16—Circle H Ranch, Winona, Miss.
 Aug. 25—Glen Meadow Ranch, Hernandez, Miss.
 Oct. 31—National Polled Hereford Sale, Tulsa, Okla.
 Nov. 3—Panola-Tate Polled Hereford Calf Sale, Senatobia, Miss.
 Nov. 8—Texas Polled Hereford Assn., Marshall, Texas.
 Dec. 13—National Western Polled Hereford Sale, Denver, Colo.
 Jan. 22, 1953—Double E Ranch, Senatobia, Miss.
 Jan. 27—Brown County Polled Hereford Assn., Brownwood, Texas.
 Feb. 16—Circle M Ranch, Senatobia, Miss.
 Mar. 9—Halbert & Fawcett, Miller, Mo.
 Mar. 31—Panola-Tate Polled Hereford Sale, Senatobia, Miss.
 May 11—Panola-Tate Polled Hereford Calf Sale, Senatobia, Miss.

POLLED HEREFORD SALES

- Sept. 13—East Texas Angus Sale, Tyler, Texas.
 Sept. 22—Ralph L. Smith Farms, Chillicothe, Mo.
 Sept. 23—Green Valley Farms, Liberty, Mo.
 Sept. 25—Texas Aberdeen-Angus Assn. Sale, Amarillo, Texas.
 Sept. 27—Texas Aberdeen-Angus Feeder Calf Sale, Mt. Pleasant, Texas.
 Sept. 30—Angus Feeder Calf Sale, Fredericksburg, Texas.
 Oct. 1—Angus Feeder Calf Sale, San Angelo, Texas.
 Oct. 3—Angus Feeder Calf Sale, Wichita Falls, Texas.
 Oct. 4—Angus Feeder Calf Sale, Abilene, Texas.
 Oct. 7—(Night) Joe Steed Broken Arrow, Okla.
 Oct. 9—Texas Assn. Angus Feeder Calf Sale, Amarillo, Texas.
 Oct. 9—Southwest Regional Sale, Tulsa, Okla.
 Oct. 10—Quality Prince Sale, Stillwater, Okla.
 Oct. 11—Charmay Farms Sale, Seminole, Okla.
 Oct. 11—Austin Calf Sale, Austin, Texas.
 Oct. 15—North Central Texas Angus Sale, Nocona, Texas.

ANGUS SALES

- Sept. 13—East Texas Angus Sale, Tyler, Texas.
 Sept. 22—Ralph L. Smith Farms, Chillicothe, Mo.
 Sept. 23—Green Valley Farms, Liberty, Mo.
 Sept. 25—Texas Aberdeen-Angus Assn. Sale, Amarillo, Texas.
 Sept. 27—Texas Aberdeen-Angus Feeder Calf Sale, Mt. Pleasant, Texas.
 Sept. 30—Angus Feeder Calf Sale, Fredericksburg, Texas.
 Oct. 1—Angus Feeder Calf Sale, San Angelo, Texas.
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 Oct. 11—Austin Calf Sale, Austin, Texas.
 Oct. 15—North Central Texas Angus Sale, Nocona, Texas.

- Oct. 20—New Mexico Angus Assn., Clovis, N.M.
 Oct. 20—Mississippi Angus Breeders, Vicksburg, Miss.
 Oct. 27—North Plains Angus Assn., Perryton, Texas.
 Oct. 28—C. D. Bruce and O. W. Cardwell, Santa Anna, Texas.
 Nov. 10—Luther McClung, Fort Worth, Texas.
 Nov. 11—Brook-Shahan, Brady, Texas.
 Nov. 29—J. Garrett Tolan Farms, Pleasant Plains, Ill.
 Dec. 9—Hill Country Angus Sale, Fredericksburg, Texas.
 Dec. 10—Johnson-Moore-Morgan-Lemley & Allen Bull Sale, San Angelo, Texas.
 Dec. 12—Burch Angus Ranch Calf Sale, Ravia, Okla.
 Dec. 13—Stoneybroke Ranch Calf Sale, Ada, Okla.

SHORTHORN SALES

- Sept. 12—Texas Shorthorn Association Sale, Tyler, Texas.

BRAHMAN SALE

- Sept. 26—Texas Mid-County Brahman Breeders, Wharton, Texas.

BRANGUS SALES

- Oct. 30—Clear Creek Ranch Brangus Sale, Grenada, Miss.

SANTA GERTRUDIS SALES

- Nov. 10—King Ranch, Kingsville, Texas.

HORSE SALES

- Sept. 14—C. E. Hiser, Burwell, Nebr.
 Sept. 22—3-B Stock Farm, Fort Worth, Texas.
 Oct. 28—C. D. Bruce and O. W. Cardwell, Santa Anna, Texas.
 Nov. 10—King Ranch, Kingsville, Texas.

MISCELLANEOUS SALES

- Sept. 22—Augustine Livestock Comm. Co. Carlot Feeder Cattle Sale, Texhoma, Okla.
 Sept. 23—Augustine Livestock Comm. Co. Mixed Cattle Sale, Texhoma, Okla.

GENERAL

- July 11—West Texas Angus Field Day, Lubbock, Texas.
 July 12—Blackland Area Angus Field Day, Moody, Texas.
 July 17-19—Olney Livestock Show and Rodeo, Olney, Texas.
 July 25-27—Annual International Round-Up Clubs Cavalcade, Pawhuska, Okla.
 July 29—North Plains Hereford Short Course, Perryton, Texas.
 Aug. 16—Post Quarter Horse Show, Post, Texas.
 Aug. 31-Sept. 5—National Angus Show, Lincoln, Nebr.
 Sept. 1-6—North Central Texas Fair, Cleburne, Texas.
 Sept. 6—Lower Panhandle Angus Field Day, Memphis, Texas.
 Sept. 21-Oct. 5—New Mexico State Fair, Albuquerque, N.M.
 Sept. 22-27—Tri-State Fair, Amarillo, Texas.
 Sept. 29-Oct. 1—Central East Texas Fair, Marshall, Texas.
 Oct. 3-9—National Aberdeen-Angus Show, Tulsa, Okla.
 Oct. 3-20—Ak-Sar-Ben (National Hereford Show), Omaha, Nebr.
 Oct. 4-11—Pacific International, Portland, Ore.
 Oct. 4-19—State Fair of Texas, Dallas, Texas.
 Oct. 16-20—Cen-Tex Fair, Temple, Texas.
 Oct. 20—Mississippi Angus Breeders Assn., Vicksburg, Miss.
 Oct. 25-27—South Texas Hereford Breeder Fair, Beville, Texas.
 Oct. 29-31—National Polled Hereford Show, Tulsa, Okla.
 Oct. 31-Nov. 3—Coastal Bend Livestock Show, Alice, Texas.
 Nov. 3-7—Magic Empire National Hereford Show, Tulsa, Okla.
 Dec. 2—All Oklahoma Hereford Show, Clinton, Okla.
 Dec. 11-13—National Western Polled Hereford Show, Denver, Colo.
 Jan. 6-10, 1953—Arizona National Livestock Show, Phoenix, Ariz.
 Jan. 16-24—National Western Stock Show, Denver, Colo.
 Jan. 30-Feb. 5—Southwestern Exposition and Fat Stock Show, Fort Worth, Texas.
 Feb. 4-15—Houston Fat Stock Show, Houston, Texas.
 Feb. 8-15—El Paso Southwestern Livestock Show and Rodeo, El Paso, Texas.
 Feb. 17—Top O' Texas Hereford Assn. Show, Pampa, Texas.
 Feb. 20-Mar. 1—San Antonio Livestock Exposition, San Antonio, Texas.
 Feb. 26-Mar. 1—San Angelo Fat Stock Show, San Angelo, Texas.
 Mar. 16-18—Annual Convention, Texas & Southwestern Cattle Raisers Assn., Houston, Texas.

San Antonio Livestock Show February 20-March 1

THE 1953 San Antonio Livestock Exposition has been set for February 20 through March 1, according to an announcement of the executive committee of the show at a recent meeting. Dates set will allow exhibitors to attend all three of the major Texas shows, San Antonio again following Fort Worth and Houston.

The recently elected officers of the Exposition, Joe Freeman, chairman of the board, E. W. Bickett, president, Mark L. Browne, first vice-president, W. M. Thornton, second vice-president, and Lucian T. Jones, treasurer, along with R. H. Friedrich, Perry Kallison, Fred Shield, R. Beal Pumpfrey, Jess McNeel and Joe Straus, comprise the elected members of the committee, with Terry Dalehite, J. D. Dodson, John McVay, Hal Peterson, Alex R. Thomas, Sr., Vachel Lackey, Harold Vagtborg and H. B. Zachry, appointed members.

Plans for the 1953 show are under way, with Mr. Zachry appointed to survey the need for additional barns to supplement the existing barns and the new cattle barn completed for the 1952 show.

The premium list for the 1953 show is scheduled for distribution to breeders, exhibitors, teachers and county agents in late September.

Effect of Atomic Bombs on Livestock

IF the United States is ever subjected to atomic bombing, it may be days or even weeks before the full extent of the damage to our livestock population is known.

In a special report to the American Veterinary Medical Association's national convention, Major Chester A. Gleiser of the army veterinary corps, said that animals which come through atomic explosions without any visible wounds or abrasions, still may have suffered serious internal injuries from the deadly atomic rays.

This was demonstrated, he said, in atomic tests in which groups of dogs "were exposed to an atomic explosion in such a manner that they received total body radiation but were protected from thermal (heat) radiation, shock waves, blast effects and flying missiles."

Seven major pathological changes were observed in the dogs. These were:

- (1) Immediate and progressive degeneration of the lymphatic tissues, resulting in their defective growth. The tissues later became over-developed and swollen in those dogs which recovered.
- (2) Early and progressive degeneration of the blood-making cells of the bone marrow.
- (3) Early deterioration of the lining of the intestinal and stomach walls, but with subsequent regeneration.
- (4) Damage to sexual organs.
- (5) Immediate suppression of cell-division in tissues where this activity is normally extensive.
- (6) Early damage to the red blood corpuscles.
- (7) Early damage to the membrane lining of capillaries and small arteries.

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Range News of the Southwest



Texas

Summer range and pasture feed prospects improved sharply during May as statewide rains broke the extended drouth in practically all areas. Southern counties on the High Plains, however, still needed additional moisture. Cool temperatures combined with soil moisture near saturation retarded maturity of spring grass and clovers over the eastern half of the state and summer grass was coming along in that area. In extreme southern, western Plateau and Trans-Pecos counties, late May rains started

grass, but it was still short. Feed grain and hay crop prospects are generally very good. Condition of all range feed, reported at 80 per cent on May 1, recorded a five point improvement during the past 30 days and a 14 point improvement during the past 60 days. Usual improvement is about three points during May and about seven points during both April and May. Range feed condition on June 1, however, was still seven points below the 10-year average of 87 per cent for that date.

Cattle and calves were gaining rapidly

on the lush green feed available over the eastern two-thirds of the state. Grass was coming along in extreme southern and western counties, but was still short for cattle to get a fill. Supplemental feeding continued in much of that area through May, but will diminish as grass comes on. Losses have been negligible. Screw-worm infestations are very widespread for this season of the year. Contracting for fall delivery has been unusually light. All cattle were reported at 83 per cent condition on June 1. This was three points above the condition a month ago, but three points below the 10-year average of 86 per cent for this season of the year.

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Thank You!

Thanks to all the bidders and following buyers of our offering at Southern Oklahoma Aberdeen-Angus Sale at Ardmore, June 16

E. R. Sorenson	Tulia, Texas	Joe Hughes	Forney, Texas
Flynn Stewart	Wichita Falls, Texas	Wyatt Asher	Kellyville, Okla.
Jimmy Myrick		Essar Ranch	San Antonio, Texas
	Sulphur Springs, Texas	Claud Neet	Pawnee, Okla.
Morgan and Lemley		E. Hay	Duncan, Okla.
	San Angelo, Texas	Sam Chambers	Stilwell, Okla.

Oklahoma A. & M. College - Stillwater, Okla.

STONEBROKE ANGUS, Ada, Okla.

CARLTON CORBIN - Owner • WALLACE WIGLEY - Herdsman

Ewes and lambs were picking up on the increasing feed supply over the main sheep country. Grass was still short in the west, but supplemental feeding was tapering off. Spring movement of lambs was light during May, with the bulk carrying stocker or feeder flesh. Shearing was nearing completion in the late areas. Fleece weights are about average, but because of bare ranges during the winter, fleeces are carrying more than usual amount of dirt. All sheep were reported at 79 per cent condition on June 1. This was six points above the condition a month ago, but still below the 10-year average of 86 per cent.

Western Ranges

Western Range feed conditions showed more than the usual improvement during May and are generally good to very good over all the West, except in western and southern Texas, New Mexico, and North Dakota. May rains gave moisture to the dry areas of Texas, southeast Montana, and northeast Wyoming. Range feed conditions are generally above average and better than a year ago in western Montana, Wyoming, western South Dakota, Colorado, Kansas, and the seven far western States. Cattle and sheep made more than usual gains during May and are generally in good condition, except in the dry areas of the Southwest, according to the June 1, 1952 Range Report of the U. S. Bureau of Agricultural Economics.

Range feed conditions improved more than average during May with favorable weather conditions. The reported range feed condition moved up four points during May, following the unusual increase of seven points during April. Grazing conditions are good to very good in Wyoming, South Dakota, Nebraska, Colorado, and Oklahoma. Rains broke the long standing drouth in south and west Texas, except for local areas in west central Texas, although some areas will need more rain to maintain feed growth. East Texas has good soil moisture and range feed. North Dakota has dry ranges and pastures with only fair feed. Northeast Montana continues dry, with rains covering the dry Southeast, while feed is generally good in the western half of the state. Rains gave good moisture to northeast Wyoming. Local dry spots have developed in the North Central and Pan-

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handle sections of Oklahoma and South-east Colorado. New Mexico has dry conditions in the southeast and local central areas, with fairly good grazing in the western half of the state. In the seven Far Western States, range feed conditions are the highest for June since 1941, with better feed conditions than a year ago, except in Idaho. There are local dry spots in South Central Washington and North Central Oregon. In California, range and pasture feed has remained green, with less than the usual early maturing. High ranges in most of the west are opening late with feed developing late on some intermediate ranges.

The reported condition of range feed on June 1, 1952 was 84 per cent, compared with 80 per cent last month, 83 per cent a year ago, and the ten-year (1941-50) average of 85 per cent.

Cattle and calves generally made more than the usual gains during May and are generally in good condition, except in the dry areas of the Southwest. Cattle have shown above average gains in much of the Central Great Plains and in the seven Far Western States. Cattle should make rapid gains with improved feed in South and West Texas. Supplemental feeding has continued in local areas of West Central Texas and Southeast New Mexico. A good calf crop is reported, except in local areas that had some losses from severe weather in the late winter and spring. There has been limited contracting of cattle and calves for future delivery.

The reported condition of cattle and calves on June 1, 1952 was 85 per cent, compared with 82 per cent last month, 85 per cent a year ago, and the ten-year (1941-50) average of 86 per cent.

Sheep and lambs have done very well except in local dry areas of Texas and New Mexico. May rains gave relief to the Texas sheep section, following earlier rains in the eastern part of the sheep country. The late lamb crop in the Northern States is generally good, except for local losses during May storms in Southwest Wyoming. Winter losses of stock sheep were above average in Utah, Nevada, and South Dakota. There has been a limited demand for stock sheep and few contracts for lambs for fall delivery. The early lambs in the Northwest developed slowly but made good gains during May.

The reported condition of sheep and lambs on June 1, 1952 was 84 per cent, compared with 80 per cent last month, 84 per cent a year ago, and the ten-year (1941-50) average of 85 per cent.

Cattle Sales and Prices

Where sex is not given on sale, excepting calves, the reference is to steers. As "The Cattleman" goes to press several days before date of release, range conditions may have changed since these reports were made.

BENJAMIN—There is practically no trading being done in this section as the recent decline in the cattle market has slowed down the speculators. Cattle have done well lately and we have branded a fair calf crop, but not as large a per cent as usual, however, we will have a good many late calves. We had good rains a short time ago but the continued high winds and long hot days have consumed most of the moisture and we need rain now.—Chas. Moorhouse.

BUDA—James C. Tucker, Marble Falls and Austin, leased 3,000 acres of the J. C. Ruby ranch at Buda and bought 200 Brahman cows with the lease. Mr. Tucker plans to establish an outstanding registered herd of Angus cattle on this property.

E. R. L. Wroe, Austin, leased 1,000 acres of the same ranch and bought 100 Brahman cows and heifers.

Gatewood Newberry, Austin, bought the 1,600-acre McKenzie ranch at Driftwood and bought 44 good cows and calves from R. A. Kelsey, Vineyard.

Tom Winters, Evant, shipped 2,000 three-year-old steers from Lampasas to Kansas and 400 to Wisconsin, also about 3,500 steers and heifer yearlings to Colorado and Kansas grass.

A. W. Moursand, Llano; **Melvin Winters**, Johnson City; **Tom Parker**, Round Mountain; **Montgomery Maddox**, Sandy; and **R. L. (Bob) Jay**, shipped around 125 cars of cows, calves, yearlings and two-year-old steers to Oklahoma and Kansas grass.

Pete Laird, Austin, shipped 1200 steer yearlings from Groesbeck to Kansas grass.

We have had lots of rain in this country.—A. B. Strickland.

CLARENDON—There is very little cattle trading at present. Cattle have done fine to date but it is getting pretty dry here and rain is needed. Screw worms are bothering a lot at present. It would be hard to quote prices as there has been a bad break in the market this week (June 19).—A. T. Jefferies.

EL PASO—Peyton Packing Co., bought 20 steer yearlings from Howard Surratt, Clint; 9 bulls and 7 yearlings from John Sailles & Son, El Paso; and 40 heifers from Paul Davidson, Clint.

Brice Dugger sold 34 cows and calves to Roy Williams, El Paso.

There is very little doing in the cattle business. There won't be any grass if we don't have some good rains soon.—R. E. Beaty.

HEBERONVILLE—We have had good rains since last report and the ranges are in good condition. Farmers are assured crops although they will be later than usual. The rains have been better and more general than any we have had for the past three years. Trading has been slow. The cattlemen have finished shipping their cattle to grass in the north and the only shipping now is to local markets.—Jack H. Mims.

MULESHOE—Frank Bozeman, Springlake and Price Hamilton, Earth, each shipped a car of fat cattle to the Fort Worth market.

E. K. Warren & Son, Muleshoe, shipped 626 heifer yearlings to Kansas to grass.

Halsell Cattle Co., Amherst, shipped 39 cows and calves to Lenapah, Okla., to grass.

The Jennings 13,000-acre ranch has been sold by the Baptist Foundation to John Birdwell, Lubbock.

The prolonged drouth in this section has become serious and some cattle are already being fed and more will have to be fed if the drouth continues.

Steer and heifer calves are selling 35¢ to 37¢; two- and three-year-old heifers, \$250 to \$300; dry cows, 23¢ to 25¢; cows with calves, \$300 to \$400; yearling steers, 35¢.—Jno. S. McMurtry.

QUITAQUE—There has been some rain in spots the past month which has done some good, but in other places it is very dry. Grass got off to a good start but is mostly burned up now. Have not heard of any calf contracts to date.—O. W. Stroup.

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Hardware Disease Detected by X-Ray

NEW advance in X-ray techniques are now helping veterinarians save the lives of cows which make a habit of swallowing nails, wire and other metal objects.

At the American Veterinary Medical Association convention at Atlantic City, N. J., last month, Drs. Francis A. Spurrell and H. C. H. Kernkamp of Minnesota University, said that short wave X-ray diagnosis now affords a valuable ally in spotting cases of "hardware disease" when cows swallow nails and other undigestible barnyard objects.

Once swallowed these objects may work their way into such vital organs as the heart, liver and stomach. Such foreign bodies may be responsible for losses in

production and may even kill the animal.

In many cases, veterinarians can remove the offending objects through surgery, the Minnesota research team pointed out. But, before surgery is undertaken now, veterinarians can confirm their diagnosis by X-ray and find out exactly where the offending material is located.

The Minnesota veterinarians showed several X-ray pictures of cattle suffering from hardware disease, and in each picture the presence of nails, bits of wire and other foreign bodies was clearly evident.

DDT Being Replaced by Other Substances

HOW popular will DDT be this summer in helping farmers control flies, lice, fleas and other animal parasites?

Not as popular as in past years, according to a report made to the American Veterinary Medical Association convention in Atlantic City, N. J., last month.

"DDT is now being replaced to a considerable degree by such substances as the gamma isomer of lindane, chlordane, methoxychlor and other synthetic chemicals," the AVMA's committee on animal parasites said.

Chlordane and lindane appear to be gaining increasing acceptance, the report said. For example, both a chlordane and lindane-rotenone compound give excellent control in treating cattle lice, whereas DDT is not so satisfactory for this purpose.

Another useful insecticide cited was benzene hexachloride. This is now widely used to treat sheep and cattle mange. However, this chemical is poisonous to livestock if accidentally given to them, the report continued.

"One owner carelessly left some of the powdered insecticide in a pail used to mix calf feed. Within 45 minutes after feeding, poisoning symptoms appeared, and all seven calves died about four hours later."

Matched Roping Contest

FOURTEEN ropers competed in the matched roping contest held at Santa Rosa, N. M., June 8. Each roper had a chance at four Brahman calves and the contest was said by reliable authorities to have been the closest ever in these parts.

Cotton Lee, Fort Sumner and Roy Lewis, Las Vegas, competed against Bill

Breen, Tucumcari, and Howard Kincaid, Montoya, with the former winning with a time of 126.3. Lewis had the best time for a single animal, 9.5 seconds.

B. J. Pearce, Clovis, won over Roy Lewis in a matched contest with a time of 55.4 seconds and a best time of 11.2.

Monroe Tomlinson, Santa Rosa won the first jack pot with 11.5 seconds and Duane Rosenberger, Ft. Sumner, won the second with 11.9.

Protein Necessary for Health

HIGH quality protein, such as is furnished by meat and other animal foods, is now recognized by most physicians and dietitians as indispensable to healthful living, according to Dr. Clayton J. Lundy of the Rush Division, University of Illinois School of Medicine, writing in the current issue of the National Live Stock and Meat Board's publication, "Food and Nutrition News."

Calling attention to the fact that many observers have declared that an adequate protein intake is believed to be necessary to protect against anemia, Dr. Lundy also points out a seeming direct relationship between low protein intake and heart disease as revealed by surveys.

In one survey it was shown that in the case of 100 patients with heart disease, 25 per cent had low protein intakes as indicated by the fact that their blood protein levels were 6 grams or less per 100 cc. of blood, compared to the normal level of 7.4 grams per 100 cc. of blood.

Of special significance was the fact that of 23 other patients suffering from coronary thrombosis—a condition in which there is a blood clot in a branch of the artery which supplies blood to the heart muscle—65 per cent were in the low blood protein level class. For this reason, Dr. Lundy asserts that it would be logical to place an importance of a rather high order on the level of blood protein in relation to coronary thrombosis.

"It is now thought that premature aging and diminution of energy and body functions are in part due to an inadequate intake of protein food as well as of vitamins," Dr. Lundy states. He concludes that liberal amounts of animal protein such as meat, milk and eggs, would appear to be advantageous in the diets of all persons, especially those in the upper age brackets as a preventive measure against arteriosclerosis and the all too often resultant coronary thrombosis.

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A. B. Strickland	Buda
N. H. Sweeney, Box 1053	Amarillo
Leon T. Vivian	George West

MARKET INSPECTORS

Abilene and Sweetwater	(H. M. Moore, Jr., Box 1461)
Alice	(J. V. Waldrop, 1025 S. 16th St.)
	(Walter King, Box 502)
	(Mrs. Lilia King, Office)
	(N. B. Albright, Box 5056, N. Amarillo Station)
	(Walker Crawford, Box 5056 N. Amarillo Station)
Amarillo	(Mrs. Juanita Crawford, Office)
	(Oscar E. Hairgrove, Box 5056, N. Amarillo Station)
	(F. E. Schottlander, Box 5056, N. Amarillo Station)
Austin	(Frank Hall, 2804 E. 5th Street)
Denver, Colo.	(Ray B. Wilson, Jr., 2804 E. 5th Street)
	(K. K. Hartmann, 220 Livestock Exch. Bldg.)
Fort Worth	(James T. Bratcher, 121 E. Exch. Ave.)
	(M. O. Cannon, 121 E. Exch. Ave.)
	(O. O. Cannon, 121 E. Exch. Ave.)
	(D. E. Flowers, 121 E. Exch. Ave.)
	(C. E. Hodges, 121 E. Exch. Ave.)
	(Mrs. Hattie Hodges, 121 E. Exch. Ave.)
	(A. H. Morrison, 121 E. Exch. Ave.)
	(V. P. Phelps, 121 E. Exch. Ave.)
	(M. F. Potts, 121 E. Exch. Ave.)
	(J. O. Shawver, 121 E. Exch. Ave.)
	(Ben E. Shirley, 121 E. Exch. Ave.)
Houston	(L. C. Bailey, 4905 Calhoun Rd.)
	(C. L. Dick, 4905 Calhoun Rd.)
	(John W. Smith, 4905 Calhoun Rd.)
	(G. F. Barry, 708 L. S. Exch. Bldg.)
Kansas City, Mo.	(C. C. Conser, 708 L. S. Exch. Bldg.)
	(Tom F. Spencer, 708 L. S. Exch. Bldg.)
Lubbock	(Mrs. J. W. Drace, 419 13th St.)
	(J. F. McGowan, 419 13th St.)
	(M. O. Singleton, 419 13th St.)
National Stock Yards, Ill.	
	(H. C. Hendricks, Box 48 Nat'l Stk. Yds.)
	(K. L. Cannon, 115 L. S. Exch. Bldg.)
Oklahoma City, Okla.	(Mrs. Oeta Cannon, Office)
	(O. L. Conner, 115 L. S. Exch. Bldg.)
	(Ben F. Anderson, Drawer 1095)
	(E. H. Duke, Drawer 1095)
	(Miss Myrtle Jacobs, Office)
San Antonio	(T. L. Luker, Drawer 1095)
	(Elton Madrox, Drawer 1095)
	(Frank R. Savage, Drawer 1095)
So. St. Joseph, Mo.	(Herb Dahl, L. S. Exch. Bldg.)
Texarkana	(F. E. Peacock, Box 512, Texarkana Stk. Yds.)

The cost of membership in the Association is \$6.00 annual dues and 12 cents per head per year assessment on the number of cattle rendered.

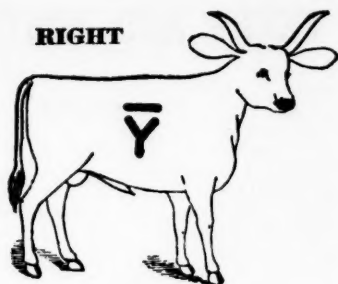
The Association employs inspectors at the markets and principal shipping stations on the range. Field inspectors are also employed to travel over the range country and investigate reports of cattle stealing, etc. Association attorneys assist in the prosecution of those charged with theft of cattle owned by members.

Write for Information About the Texas and Southwestern Cattle Raisers' Association, Henry Bell, Secretary, Fort Worth

BRANDS THAT Belong



A. W. YOUNG
Smithville, Texas



A. W. YOUNG, rancher of Bastrop and Travis Counties in Texas is another member vitally interested in the advancement and protection of the ranching industry.

Mr. Young's bar over Y brand right side has been carried in the Inspectors brand books for nearly twenty years. Thus his cattle have been provided the protection of membership in this Association over these years. And through his membership, Mr. Young has materially supported the constant fight this Association carries on for the best interests of cattlemen everywhere.

ONE OF A SERIES . . . This is another in a series of articles to acquaint you with typical members of the Texas and Southwestern Cattle Raisers Association. These men (A. W. Young and more than 10,000 other progressive cattlemen throughout the Southwest) maintain this Association to protect the interests of the cattle industry and the individual cattleman. The full protection and privileges of membership are accorded all members—large and small alike.

You are invited to apply for membership

HOW LITTLE IT COSTS!

The minimum yearly charge for Association membership is \$14.50 (based on 50 head).

If you are running 100 head in your herd—you would render 65 head (65% of herd) and your yearly dues would be \$16.45.

If you are running 200 head in your herd—you would render 130 head (65% of herd) and your yearly dues would be \$24.90.

These are just sample charges—complete information regarding charges for membership may be found in the application on next page, or get in touch with your nearest Association Inspector. Names and locations of all inspectors are listed on the reverse side of this page.

**MEMBER
TEXAS & SOUTHWESTERN
CATTLE RAISERS
ASS'N. INC.
POSTED**

THE SIGN OF PROGRESSIVE CATTLEMEN OF THE SOUTHWEST

Protect your cattle . . . Protect your property . . . Protect your industry! Fill out and return the application for Association Membership to Henry Bell, Sec'y, 410 East Weatherford St., Fort Worth 2, Texas. Display the sign of progressive cattlemen.

Texas and Southwestern Cattle Raisers Association

Application for Membership

↑ CUT ALONG THIS LINE

AGRICULTURE is an industry of many phases; livestock raising is among the most hazardous. In furnishing the beef of this nation the cattleman is confronted with problems which may be divided into two distinct classes, individual and common.

Individual problems are those which belong to each man separate and distinct from his neighbor or fellow industryman.

Problems of common interest are those which belong to the industry as a whole. Every cattleman knows that diligent attention must be given to matters involving legislation, marketing, finance, freight rates, meat consumption, and the like, the same as the individual must be concerned about feed, water, labor, and other ranch problems. Group action through organization alone furnishes the operating machinery for dealing with problems of common interests.

The necessity for organized effort has caused each industry to form its association. It brought into being organizations for labor and all other businesses. Livestock producers in every state or section formed representative bodies, and among the first was the Texas and Southwestern Cattle Raisers Association.

Membership is open to any cattle producer recommended by responsible parties. There are cattlemen and livestock farmers in every section of the Southwest who are not members but who should be and lend their support to the efforts of this organization in behalf of their industry.

Experienced inspectors are stationed on all the central markets to which cattle from Texas and neighboring states are ordinarily shipped. Upon authorization by a member proceeds of cattle bearing his brand are held, pending investigation, if the inspector believes that such cattle are being handled by unauthorized parties.

Field men are stationed at important range centers and inspect shipments, conduct investigations of losses by members, assist local officers in apprehending and capturing cattle thieves, and serve the membership in any way possible. An attorney furnished by the Association assists local officers in prosecuting parties indicted for theft from a member.

When filling out this application it is important that information as to marks and brands and range of cattle be as complete as possible. Draw your brands and marks on the cuts of animals on reverse side just as they appear on the cattle. Use a separate cut for each brand and state whether the cattle are of your own raising; or if bought, give the name and address of the party from whom you bought. Brands may also be recorded in the space for remarks. If a brand is a tally on bought cattle same will doubtless be in many marks and a "V" should be put in one ear and "M" in the other—indicating various marks.

Charges incident to membership are \$6 annual dues, \$2 subscription to "The Cattleman," and an assessment of twelve cents per head per year on the number of cattle rendered, which number should be 65% of the actual number owned. There is also a voluntary assessment of 1 cent per head on the number of cattle rendered for the support of the National Live Stock and Meat Board. The minimum charge for membership with brand rendered is based on a rendition of 50 head, and even though you own less than 50 head, you are eligible for membership at the minimum charge. If you are now a subscriber to "The Cattleman," same will not be charged to your membership until present subscription expires.

The strength of any representative organization is entirely dependent on the support given it and the number of persons or the composite assets it is authorized to represent. The more members the Association has, the wider can be its scope of representation, and the more effective will be its endeavors.

19

To the President and Members of the Texas & Southwestern Cattle Raisers Association:

The Petition of the subscriber represents that he is desirous of becoming a member of the Association and I CERTIFY THAT I HAVE RENDERED NOT LESS THAN 65% OF THE CATTLE I AM HANDLING. In case of acceptance I agree and bind myself to conform to the By-Laws governing the Association, and to pay all dues, assessments and other charges provided for by the Association, at Fort Worth, Texas.

Name..... (Print Name)

Ranch is located.....

Postoffice is.....

65% of the cattle controlled is.....

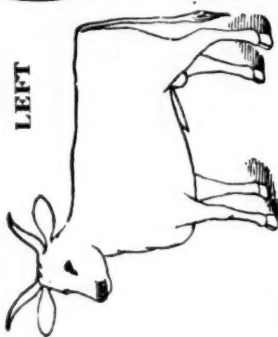
Recommended by.....

Signature of Applicant

REMARKS
(For Instructions See Other Side)

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WANTED—Working ranch manager. Married man reared on ranch or with lots practical experience. Should have college work or degree Animal Husbandry, but not necessary. Modern home with all conveniences. Box 7-D, The Cattleman.

LIVE STOCK PRODUCERS know your markets. Read National Live Stock Producer, 3 years \$1.00. Dept. CA, 189 North Clark Street, Chicago 2, Illinois.

SHETLAND PONY Wagons, Stage Coaches, Prairie Schooners. Write for circular. Midgett Wagon Company, Dept. C, Mountain View, Mo.

SEND raw wool (or mohair) direct to factory for fine blankets, fringed robes, etc. Free literature. West Texas Woolen Mills, 415 Main, Eldorado, Texas.

BINOCULARS

FOR SALE—16 x 50 NAVAL sixteen power precision prism binoculars. Practically BRAND NEW. Finest leather case. Coated lenses, achromatic. **TREMENDOUS POWER**. See for miles with them. **CHECK ON PREDATORY ANIMALS**. Originally cost \$250.00. Sacrifice \$85 on quick sale. **WILL SEND C.O.D.** express with **EXAMINATION** privilege to interested buyer if you pay postage. Ed Priest, Box 251, Rt. 1, Evanston, Illinois.

MOUNTED Longhorns for sale. Six to nine feet spread. Free photo. No post cards, please. Lee Bertillon, Mineola, Texas.

COWMAN with capital wants cattle operation. Will buy in or operate on a percentage or salary basis. Box 7-B, The Cattleman.

CORRAL SECTIONS—All-steel, all-welded coral wire (or sections). Only 18¢ per running foot. Free literature. Bernstein Brothers, Pueblo, Colorado.

POLLED HEREFORDS

Riebs's Registered "Ranger" Polled Herefords. 403 Maverick Bldg., San Antonio, Texas.

SHORTHORNS

CIRCLE B RANCH—Registered Shorthorn cattle. **JOE F. BENNETT**, Coolidge, Texas.

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CHOICE DAIRY HEIFERS. Calves to springers. Shawnee Cattle Co., Dallas, Texas.

DAIRY CATTLE—Large selections of choice Holstein and Guernsey springers and fresh cows and heifers. T. B. and Bangs tested. Stanley Burnidge & Son, "Grand Hotel" for Dairy Cattle, Elgin, Illinois (Hotel Accommodations). Established 1918.

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FORT SMITH AUCTION SCHOOL, Fort Smith, Ark. Term soon. Free catalogue.

BE AN AUCTIONEER—Instruction by the nation's leading auctioneers. Write for information. **NATIONAL AUCTION INSTITUTE**, P. O. Box 36-C, College Station, Texas.

BE AN AUCTIONEER—A pleasant, profitable profession. Send for free illustrated catalogue, also how to receive the Home Study Course. **FRED REPERT SCHOOL OF AUCTIONEERING**, Dept. 1, Decatur, Indiana.

LEARN AUCTIONEERING—Term soon—free catalog. **REISCH AUCTION SCHOOL**, Mason City, Iowa.

NEXT TERM SOON. The only Auction School conducted at an Accredited College. Our graduates are our best recommendation. G. L. approved. Write **WESTERN COLLEGE OF AUCTIONEERING**, Box 1458 H, Billings, Montana.

On the basis of five readers per issue The Cattleman is read by more than 150,000 ranch folk. Reach this market by advertising in The Cattleman.

SANTA GERTRUDIS

SANTA GERTRUDIS: Richard King HK foundation cows. Few Running W sired bulls and heifers for sale. Patch Farms, Philmont, Va.

BRAHMAN

REGISTERED red Brahman bulls; registered gray Brahman bulls; one's to four's.—Dr. T. M. Nash, Wharton, Texas.

ZEBU-BRAHMAN, young bulls for sale, heifer calves when available, registered and unregistered, same quality. One of country's oldest herds. Brahman of quality, bred in quantity, to sell at reasonable prices. Steinmann Cattle Company, Yoakum, Texas.

HEREFORDS

REGISTERED Hereford cattle. **MRS. PEARL C. LITTLETON**, Benbrook, Texas.

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Lots 1 to 10 pounds @ \$7.00 per pound.

Lots 10 to 50 pounds @ \$6.00 per pound.

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When in Falfurrias visit Hopper Bros. and inspect seed plots planted September and February.

Phone 301.

HOPPER BROS. Falfurrias, Texas

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No. 2—5,400 acres, 4 miles from county seat, highly improved, best of wheat and grass land.

No. 3—14,000 acres deeded, like amount leased, heavily grazed, well located and improved.

7,000 acres deeded, 10,000 acres lease, highly improved and well equipped, about 1,000 cattle. For price and full description write **WEST RIVER REALTY CO.**, Rapid City, South Dakota.

24,500-ACRE sheep or cattle ranch, 21,500 acres deeded, 3,000 leased, two sets of improvements, located 20 miles over state highway to ranch, town of about 8,000 population, 490 acres under irrigation, about 100 acres in grain, balance in alfalfa and vega hay, watered from several springs. One large lake borders several wells, dams and five miles on river. Well fenced in several pastures. Price \$22.50 per acre, about one-half cash. Running 800 mother cows. Can be bought at market price. J. F. Huggins, Hugo, Colo.

NEBRASKA—Combination farm and Sandhill ranch of 960 acres, good improvements, running stream, 11 mi. from Gordon, 200 acres or more in cultivation, situated on good highway, price \$62.50 per acre, part terms can be arranged. **L. C. LARSON & SON**, Phone 2392, Chadron, Nebraska.

FOR SALE—Choice Colorado irrigated ranch. In very mild winter area, 120 acres, fenced, and cross-fenced. Adequate, neat improvements in very good repair. Good stock well with electric pressure pump, all routes. Growing crops of corn, alfalfa, clover, tame and native grass meadow. 500 gallon propane gas tank, stoves, refrigerator, hot water heater, washing machine, air conditioner and deep freeze. All goes for \$32,000; \$20,000 cash will handle. Price includes approximately 40 tons first cutting alfalfa now baled. Box 231, Fowler, Colorado.

ALABAMA FARM—800 acres. Coosa River Valley, 45 miles east Birmingham. Paved road. Fine community. About 500 open. Excellent soil. Balance timber estimated \$12,000. Year-round grazing. Clover-grass pastures. Place could handle 200 cows. Creek, spring branch, 8 wells. Beautiful old colonial home. 6 tenant houses, barns, 4 large turkey brooder houses. Luther Fulk, 2029 21st Avenue South, Birmingham, Alabama.



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Only \$27.75

FAMOUS HOL-DEM "WEED-KUTTER" cuts weeds off on contact, eliminates "bulbous shorts" on your fence line, holds stock where others fail. Controls stock the year 'round, in any soil or weather condition. Guaranteed to hold stock even on the driest ground... with one wire!

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LOW-FLY REPELLENT; ANIMAL WOUND DRESSING
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RANCHES—FARM LANDS

ARE you attending the livestock convention in Montgomery, Alabama, June 5-7? We invite you to see the Mangum's Cattle Ranch, 442 acres, fenced and cross-fenced, 300 acres open land, 140 acres in clover, plenty water, two real nice 5-room homes, city conveniences, two barns. Price \$68 an acre. Located four miles north of Autaugaville, Alabama, on Independence paved highway, 1½ miles frontage. Open house, come to see it. White neighborhood, churches, schools. Will be open until sold. Just notify me. Erle Childers, Selma, Alabama.

ARIZONA COTTON FARM

2300 A. Casa Grande Valley. Well improved. Good water. Fine soil. New in cotton. High producer. Price \$500 per A. INCLUDES CROP. Terms or will exchange for good city property for all or part.

LOYAL C. STAHL, JR.

626 Title & Tr. Bldg., Phoenix, Ariz.

Southeastern Oklahoma

Large and small ranches.
Abundant water and grasses.
Price \$10 to \$60 per acre.
Grass land for lease.

Odell C. Olson

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ARIZONA RANCH—176,000 acres, 156,800 acres deeded. Price \$1,500,000. Terms. James Cranston, Doylestown, Pa. Representing Wynne James, Jr., Doylestown, Pa.

WRITE OR CALL for our listings on farm and ranch land. Rich river bottom, blackland, and sandy dirt loam, at bargain prices. 620 acres, \$25.00 per acre, partly improved, creek water, good grass, on average land, one-third cash down. We specialize in Southwest Arkansas lands. Foster-Ellis Realty Co., Hope, Ark.

523-Acre Blue Stem Ranch

One of the finest cattle ranches for sale in South Central Oklahoma, on all-weather road, 500 acres open bluestem and Bermuda grass and will run 300 head of cattle. Completely equipped with 6 large ponds, 1 flowing artesian well, new dip vat and corrals, 2 new interlocking silos, separate bull pens and loafing sheds, 2 good wells equipped with electric pumps to pastures, new fences, hay barn, 3-compartment steel implement shed, 2 chicken houses, completely modern 6-room home, REA electricity, located in heart of Hereford Heaven, 11 miles out of Ada, Oklahoma, 25% undivided mineral.

82 head of young, white-face cows, several with calves, including 40 head matched bred heifers 30 months old, calving in September and October. Also 4 registered bulls, including TR ZATO HEIR VI, now 3 years old.

Equipment includes:

1951 John Deere "B" tractor, disc harrows, etc.
1952 new Hollandier field grass chopper, and silo blower.
1951 John Deere silage wagon.
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1951 John Deere grass mower.
1952 John Deere 13' 7" grass and seed drill.
1951 Chevrolet ¾-ton pickup.
1951 Chevrolet 1-ton truck and hay truck.
Numerous small tools, tractor seeder, fire spray and hand tools.

WILL SELL RANCH, CATTLE AND EQUIPMENT ALL TOGETHER FOR \$100,000. Separately: Ranch \$66,000; Cattle \$21,500; Equipment \$12,500.

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1,300-acre ranch 35 miles from Colo. Springs. Good roads, two sets bldgs., REA, good grass, good fences, plenty water. A handy 100-cow ranch. Also have two modern homes in Colo. Springs. Will sell either one. Write owner, Fred Hovse, 720 N. Custer St., Colorado Springs, Colo.

FOR SALE—2500 mother cow outfit located in southwestern Colorado, excellent improvements and all equipped including 56 head cattle (some registered), 400 acres irrigated land with free water right, finest fishing stream in Colorado runs through this land, lots of big game. Price \$130,000.00, 25% down. A. A. BALL REALTY COMPANY, Realtors, 1010 Main Ave., Phone 233, Durango, Colorado.

RANCHES—FARM LANDS

350-COW UNIT RANCH

We are honored to represent exclusively one of the choicest ranches in New Mexico. This ranch contains approximately 8,227 deeded acres, adjoining National Highway 85 in San Miguel County. Half an hour's drive from Las Vegas and 10 minutes from Watrous. Santa Fe Railroad and shipping pens very convenient.

Excellent improvements all newly built. Open, rolling country, heavily turfed with Blue-grass and Blue-stem. Watered by 4 wells with mills with large steel storage reservoirs. Maximum distance to water at any point less than a mile and one-half.

It will run 350 cows annually or summer 600 to 700 yearlings with approximately 300-pound gain. In every particular it is a choice property. Substantial loan can be arranged.

Price: \$225,000.00.

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Stock Farm. Ideal show place for breeding and distribution of registered cattle. On paved road near San Antonio, Gateway to South Texas. Close in to good town. 1050 acres, cross-fenced into 17 fields and pastures. Strong, mineralized beef-building soil. Now about ½ irrigated, no failures. Carrying about 300 head. Terms with \$45,000 down. Come on down to Texas! We have Open Winters and Friendly Folks!

Cattle Ranch—South Texas, 8800 acres of good mesquite land. Majority fertile, tillable, dark sandy loam. About 4,000 acres chopped with 32 ton roller and it's still chopping. 8 fine large tanks, 13 miles on county road from U. S. highway and railroad leading pens, 1000 head of cattle can winter here and make you plenty tons of beef a month without U. S. Air Force's "hay-lifts." Located in oil zone. Priced at \$27.50 per acre, part minerals. 7-term. Write to: Ralph G. Slocum, Land Agent, 217 Warner Ave., San Antonio, Texas. Texas We Know and Sell.

MONTANA—6100 acres deeded ranch with 1360 acre lease, this is an ideal stock ranch, has abundance of natural shelter, timber, gullies, wooded hills afford excellent natural protection for livestock, abundance good water some springs piped into tanks, about 125 acres in cultivation, balance in pasture and hay, one modern home and also a 4-room home with basement and water inside, price \$20.00 per acre, no mineral rights, part terms can be arranged. L. C. LARSON & SON, Phone 2392, Chadron, Nebraska.

FOR SALE: Entire Stock of United Farms, Inc., including 1810 A. blackbelt pasture land, all new farm machinery, 326 head cattle, 30 acres of lakes well stocked with fish. Plenty water in all pasture, well fenced, 1600 acres open located on New Farm to Market road 6 mi. south of Uniontown, Alabama. For additional information write United Farms, Inc., Box 422, Montgomery, Alabama.

CATTLEMEN, ATTENTION!

RANCH FOR SALE

66 head white-faced cows (20 with calves at side).

10 head Black Angus cows.

3 Registered Hereford bulls.

20 goats.

200 tons soy bean hay with corn.

Fordson tractor with plenty of equipment.

On 1200 acre leased land at \$1.00 per acre. Fences, barn, running water, creek through ranch, good grass, good labor.

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SR-134—In one of Colorado's finest stock-raising areas, 1064 acres deeded, over 300 acres highly productive farmland, 175 acres, approximately, in meadow, about 730 acres fine mountain pasture. Creek through ranch. Seven-room modern home, good fences, good water right. Ideal for small setup, for summering livestock, or hay and grain ranch. Priced to sell at \$50,000. Write for folder and additional information.

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P. O. Box 136, Huron, S. D.

• Texas Panhandle, Eastern New Mexico, Southeast Colorado

CLAUDE B. HURDUB
1521 Texas Ave., Lubbock, Texas

• Texas Mortgage Division

H. L. MARTIN, Manager
Southwestern Division
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RANCHES—FARM LANDS

LANDS

We have prepared a mailing piece, describing concisely 41 ranches and farms, mostly ranches, that we are representing for sale. It has taken considerable knowledge and hard work to inspect, assemble and represent these properties.

Due to their location covering all parts of New Mexico and other states and the many types of properties described, this list not only gives you what is available for purchase, but an excellent idea of prices in general.

In addition to the properties described we will be representing others as time goes on, that could be even more interesting for continually we are investigating and inspecting everything that might be for sale. Decidedly it could be to your interest to contact us. Any and all information we have concerning lands will be sent to you on your request.

Willis Stewart Realty Company

Room 260, Korber Building
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MOUNTAIN RANCH

2,700 acres, beautiful location in South Park, Colorado. 640 acres deeded, 1,280 acres renewable private leases. One lease renews from year to year. The other lease expires in seven years, also possible to renew. The balance of 500 acres is Taylor grazing land. All in one body with excellent stock water from Four-Mile Creek. This would make an excellent summer pasture. The price is \$21,000, which includes the assignment of leases and Taylor grazing.

THE HAIGLER REALTY CO.

Realtor — Exclusive Agent
Exchange National Bank Bldg. Main 274
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COLORADO RANCH

Located 15 miles from Fairplay, Colo., 75 miles from Denver, 5,760 acres deeded land, 3,920 acres govt lease, 2,800 acres private lease, total 12,480 acres, all under fence. Ranch will cut approx. 800 tons of hay from excellent irrigated meadows. 15 cu. sec. of deep of decreed free irrigating water from Tarryall River. 7-room modern house, 4-room house, bunk house, large barns, sheds and corrals. This is one of the good ranches of Colorado and will run 600 cows the year around. Price \$31,500 per acre for deeded land, including transfer of all leases.

WILSON-DARBY REALTY CO.

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BEST cattle land in U. S. A. Also, rice-cattle combination. Inexhaustible water supply. L. F. BYRNE, Columbus, Miss.

CENTRAL FLORIDA RANCH

6900 acres fenced rolling land. Fronts U. S. highway and adjoins farmland. Includes two large spring-fed lakes which afford excellent home sites. 700 acres with well now cleared for planting, 50 acres pine grove, balance in native grasses which have carried cattle for years, no waste acreage. Less than three highway miles to main rail line siding. Exceptional value for further development at minimum cost. Limited time offer at \$21.50 per acre. Call Central Florida Realty Co. (No. 121) Ocala, Fla., for appointment.

9252 ACRE SOUTHERN COLORADO RANCH. 6252 deeded, 3000 lease. Fenced into 14 pastures, watered from wells, springs and dams, lots of winter protection. Good improvements. Price \$22.50 per acre for deeded, leases assigned. Terms. A. V. SNODGRASS, HUGO, COLO.

Oklahoma Ranches For Sale

9800 acres, 9000 acres, 4900 acres, 1800 acres, 1650 acres, 1350 acres, 1030 acres, 910 acres, several smaller places. All located in Hereford Heaven and South Central Oklahoma, with an annual rainfall of 42". For additional information call or write Herman Smith, Route 5, Phone 3531, Ada, Oklahoma.

MONTANA—1555 acre ranch with 40 acres leased, 74 acres cultivated land, divided as follows: 52 acres alfalfa, 22 acres crested wheat grass, 350 acres more can be suitable for cultivation, also some sweet clover and oats planted for hay crop; private flood irrigation system, almost completed; fair improvements; price \$23.50 per acre which includes hay equipment and tools both in shop and outside, ranch can be sold with or without livestock, about 40 head or more are registered Herefords, an itemized list of equipment and livestock furnished on demand, one-half oil and mineral rights included. L. C. LARSON & SON. Phone 2392, Chadron, Nebraska.

RANCHES—FARM LANDS

FOR SALE
WEST TEXAS RANCHES

9,624 acres in Stonewall County, 17 miles north of Aspermont, 1½ miles east of Highway 83. 150 a. in cultivation, balance good grass. Fenced and cross-fenced into five pastures. Six surface tanks, two flowing springs, REA lights, Fairbanks-Morse scales, 5-room rock house, 4-room cottage. Priced \$40 per a., 29% down, balance 3 years to pay. Possession Jan. 1, 1953.

NEAR ABILENE, TEXAS

3,000-acre ranch that will pay you to investigate. 700 a. in cultivation, balance good grass. Fenced and cross-fenced into easy-to-work pastures. 8 surface tanks, 6-room foreman's house, lights, water piped into the house. 3 corrals, paved roads, good school, churches. On Highway 277, 10 miles S. W. Abilene, at Caps, Texas.

One of the best ranches in Taylor County, Texas. 2,000 acres, about ½ in cultivation, fine farm land. 5 houses, one is 5-room cottage with swimming pool, 2-bath houses with showers. Barns, corrals, 3 cisterns, 2 wells, 10 surface tanks, REA, Bell telephone being installed. Located at Tyre, Texas, 10 miles west of Abilene, on Highway 80. \$120 per a., 29% down, balance in five years.

LESLIE N. BROWN, Owner

741 South First Street Abilene, Texas

7,750-Acre Ranch and Farm Land

We are proud to offer this large Georgia tract, ideal for grazing and farming. The row crop portion of this ranch is excellent potential pasture land. A running year-round creek divides this property into two tracts and also deep wells furnish a bountiful source of water. The owner will sell this land in two separate sections, if desired. Types of soil include: red land, sandy loam and rich, black bottom land. Owner offers liberal financing arrangements. For information write:

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470 ACRE HIGHLY IMPROVED IRRIGATED FARM AND LIVESTOCK FEEDING UNIT in the North Platte Valley of Western Nebraska, proven production record. No. 1 water rights, feed mill and extensive feeding layout with rail receiving and shipping facilities on the place, six dwellings, ample water system and well drained feeding pens.

Ideal spread for purebred breeding herds, or for large ranch operators wishing to finish their cattle in dry lot, or for growing high revenue producing crops or combination of crops and irrigated grassland-livestock farming, centrally located as to livestock producing areas and all principal livestock markets, feed supplies including sugar beet by-products, alfalfa and grains. A high income property of real merit, the product of twelve years of planning and development by owner now wishing to retire because of age. Supervision and management no problem for non-resident owner. Write for full particulars. EL RANCHO DEL CANADA, BOX 6, BAYARD, NEBRASKA.



RANCHES—FARM LANDS

WANT A RANCH?

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Some exceptionally fine properties:

BEAUTIFUL TONGUE RIVER SPREAD

Wonderful 4,000-head on famous Tongue River, southern Montana. Priced at \$200 per unit of carrying capacity. 2,000 acres rich irrigated bottom land; 4,000 good wheat land. Chinook area, 2,500 feet altitude. Good buildings. Worlds and worlds of shelter. 53,000 acres deeded, solidly blocked; 20,000 acres Taylor and State leases. A SAFE RANCH AND A GOOD ONE!

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Marvelous US highway location, 15 miles from Denver central business district. Farm and improvements ideal for purebred stock. 240 acres irrigated tame pastures with high capacity. Beautiful Colonial mansion and finest barns and buildings, all in A-1 condition. A famous show place at a sound price. A RARE OPPORTUNITY. Ask for illustrated brochure.

ARIKARE RIVER RANCH

13,000 acres near US highway: 800 rich blue-stem meadow, balance choice sandhill pasture. 18-inch annual rainfall, 3 miles of ever-flowing stream, lots of shallow wells, 16 well-fenced pastures, lovely modern 3-bedroom home, 2 modern tenant houses, corrals, barns, sheds, fences all in A-1 condition. Will easily carry 700 to 800 cows or summer 1,500 yearlings. An outstanding river-bottom sandhill ranch. YOU CAN'T HELP BUT LIKE IT!

MONTANA SPECIAL

Safe, practical home for 700 cows, and a little work will increase capacity to 1,000. 14,700 acres deeded, about same acreage State and Taylor leases. 1,700 acres rich Missouri River bottom land, 900 irrigated hay and grain, 100 in brush and timber for ideal winter protection. 13,000 acres rolling grass land. All irrigation water you want. Chinook winter area, 2,000 feet altitude 15-inch rainfall. Crops: 3 to 5 tons alfalfa, 60 to 80 bu. grain. Very modest improvements. Price, \$200,000, includes \$30,000 good equipment, hay and feed on hand. One third down. A genuine opportunity! YOU WILL LIKE THIS RANCH.

Tell Us What You Want: Write for Descriptions and Pictures of These and Other Desirable Ranches.

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624 17th St. Denver 2, Colo.

HEAVY GRASS AND RUNNING WATER—2840 acres deeded with 100 acres minerals, 10 sections railroad lease, subject to lease rules. 18 miles two shipping points and 5 miles from East Montana discovery oil well. Running water, heavy grass, not stocked, immediate possession. \$70,000. Terms. Also 13,000 acres South Dakota. 9,000 deeded, \$10,000, \$25,000 cash. Possession Nov. 1st. Boh Manuel, Colorado, Texas.

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6,000 a. deeded, 6,000 a. leased, about 25 miles N. W. of Denver and within 3 miles of Boulder, Colo. Cuts around 300 tons of hay, 2½ miles Boulder Creek through ranch, 42 mi. 4 & 6-wire fence, ample improvements, plenty of water, grass and hay. Price \$140,000 with terms and pose.

WYOMING RANCH

About 17,000 a. deeded, 3500 a. leased, approx. 1050 a. hay land and irrigated meadow, excellent water rights, reservoir, lakes, springs, 5 miles stream, good improvements, REA, well fenced. Price \$17.50 per acre. Might divide into two ranches.

300-HEAD RANCH

2,000 a. deeded, forest permit, hay production around 600 tons, 2 modern homes with supporting buildings. Can include additional 1,200 acres with 500 acres more hay production. Located about 2 hours' drive N. W. of Denver. Priced to sell quick.

Write for our complete farm and ranch list.

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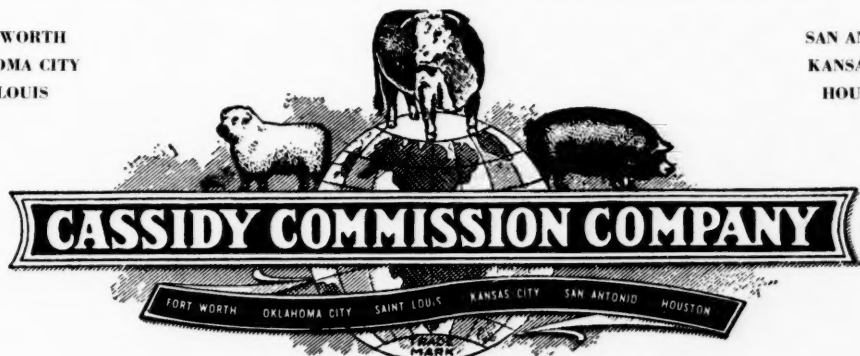


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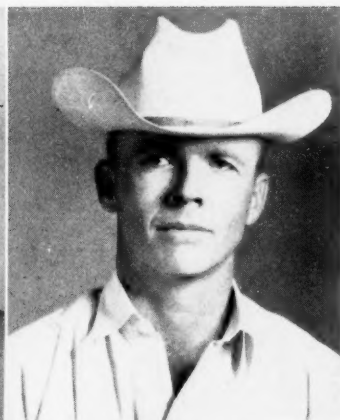
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